

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010664.D
 Acq On : 26 Sep 2022 12:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 26 14:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	247046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	398172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122485	51.836	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.680%			
35) Dibromofluoromethane	7.716	113	111571	43.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.820%			
50) Toluene-d8	10.179	98	443267	47.374	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.740%			
62) 4-Bromofluorobenzene	12.483	95	148598	42.213	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49721	43.132	ug/l	100
3) Chloromethane	2.113	50	78017	45.972	ug/l	98
4) Vinyl Chloride	2.247	62	98817	44.617	ug/l	100
5) Bromomethane	2.643	94	63979	42.463	ug/l	97
6) Chloroethane	2.790	64	72317	41.555	ug/l	98
7) Trichlorofluoromethane	3.125	101	138792	42.756	ug/l	96
8) Diethyl Ether	3.527	74	50990	45.813	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	88434	45.266	ug/l	93
10) Methyl Iodide	4.088	142	93277	41.330	ug/l	92
11) Tert butyl alcohol	4.948	59	56651	268.760	ug/l	96
12) 1,1-Dichloroethene	3.869	96	74008	42.424	ug/l	91
13) Acrolein	3.729	56	31013	282.140	ug/l	99
14) Allyl chloride	4.472	41	131638	50.052	ug/l #	94
15) Acrylonitrile	5.155	53	157547	272.726	ug/l	98
16) Acetone	3.942	43	144579	300.041	ug/l	91
17) Carbon Disulfide	4.192	76	141188	40.713	ug/l	99
18) Methyl Acetate	4.472	43	74002	54.471	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	275069	50.575	ug/l	97
20) Methylene Chloride	4.710	84	110229	40.768	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	83502	42.536	ug/l	94
22) Diisopropyl ether	6.112	45	339537	54.691	ug/l	95
23) Vinyl Acetate	6.051	43	1047355	285.577	ug/l	96
24) 1,1-Dichloroethane	6.015	63	184071	49.401	ug/l	99
25) 2-Butanone	6.978	43	215986	286.564	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	174369	48.665	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	112720	46.089	ug/l	93
28) Bromochloromethane	7.325	49	93443	53.104	ug/l	94
29) Tetrahydrofuran	7.344	42	128611	277.821	ug/l	89
30) Chloroform	7.502	83	196890	48.842	ug/l	97
31) Cyclohexane	7.783	56	128838	48.427	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	169024	47.111	ug/l	97
36) 1,1-Dichloropropene	7.917	75	126765	44.772	ug/l	99
37) Ethyl Acetate	7.069	43	87320	53.394	ug/l	96
38) Carbon Tetrachloride	7.899	117	143503	44.079	ug/l	99
39) Methylcyclohexane	9.179	83	139160	41.993	ug/l	93
40) Benzene	8.161	78	388517	46.029	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010664.D
 Acq On : 26 Sep 2022 12:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 14:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	52009m	62.350	ug/l	
42) 1,2-Dichloroethane	8.234	62	126702	48.747	ug/l	93
43) Isopropyl Acetate	8.270	43	163808	54.644	ug/l #	94
44) Trichloroethene	8.935	130	102309	42.342	ug/l	95
45) 1,2-Dichloropropane	9.215	63	109063	49.947	ug/l	97
46) Dibromomethane	9.301	93	60298	47.023	ug/l	94
47) Bromodichloromethane	9.496	83	158327	50.005	ug/l	98
48) Methyl methacrylate	9.289	41	71630	54.129	ug/l #	86
49) 1,4-Dioxane	9.295	88	17795	943.725	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	481966	284.771	ug/l	92
52) Toluene	10.240	92	249075	45.099	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	158393	49.475	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	173057	48.484	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	92747	49.173	ug/l	98
56) Ethyl methacrylate	10.508	69	126479	51.763	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	153071	48.994	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	336345	243.714	ug/l	98
59) 2-Hexanone	10.831	43	334156	291.291	ug/l	91
60) Dibromochloromethane	10.983	129	109986	47.650	ug/l	99
61) 1,2-Dibromoethane	11.087	107	81653	46.242	ug/l	100
64) Tetrachloroethene	10.721	164	97061	40.547	ug/l	98
65) Chlorobenzene	11.514	112	279876	45.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	114203	47.306	ug/l	97
67) Ethyl Benzene	11.593	91	506404	46.539	ug/l	99
68) m/p-Xylenes	11.703	106	383534	90.986	ug/l	95
69) o-Xylene	12.026	106	187880	45.716	ug/l	95
70) Styrene	12.044	104	329945	47.260	ug/l	96
71) Bromoform	12.209	173	70901	47.297	ug/l #	99
73) Isopropylbenzene	12.331	105	512001	46.937	ug/l	100
74) N-amyl acetate	12.142	43	150766	56.995	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	113741	51.169	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	84120m	49.934	ug/l	
77) Bromobenzene	12.605	156	116461	44.871	ug/l	97
78) n-propylbenzene	12.672	91	624150	48.036	ug/l	100
79) 2-Chlorotoluene	12.757	91	347540	46.943	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	429505	46.599	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	39355	51.942	ug/l	90
82) 4-Chlorotoluene	12.855	91	363932	47.604	ug/l	100
83) tert-Butylbenzene	13.074	119	387031	46.952	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	430880	47.056	ug/l	99
85) sec-Butylbenzene	13.251	105	580240	48.063	ug/l	100
86) p-Isopropyltoluene	13.367	119	481926	47.769	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	241185	45.783	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	236916	45.439	ug/l	99
89) n-Butylbenzene	13.696	91	454262	49.050	ug/l	99
90) Hexachloroethane	13.958	117	93948	48.502	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	217455	46.338	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19031	51.307	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	127907	44.681	ug/l	98
94) Hexachlorobutadiene	15.111	225	74258	42.678	ug/l	97
95) Naphthalene	15.233	128	270225	46.848	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	111658	44.796	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
Data File : VY010664.D
Acq On : 26 Sep 2022 12:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

Quant Time: Sep 26 14:52:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010664.D
 Acq On : 26 Sep 2022 12:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 14:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

