

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010083.D
 Acq On : 18 Aug 2022 12:20
 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 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:04:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	107734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	150388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	49439	45.896	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.800%		
35) Dibromofluoromethane	7.710	113	50700	51.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.980%		
50) Toluene-d8	10.179	98	181028	50.171	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.477	95	71660	56.544	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	41860	47.465	ug/l	93
3) Chloromethane	2.107	50	48529	40.157	ug/l	99
4) Vinyl Chloride	2.247	62	66123	43.153	ug/l	99
5) Bromomethane	2.644	94	53484	42.763	ug/l	98
6) Chloroethane	2.784	64	46663	44.219	ug/l	99
7) Trichlorofluoromethane	3.113	101	91998	50.544	ug/l	99
8) Diethyl Ether	3.522	74	24151	47.375	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	47515	49.227	ug/l	96
10) Methyl Iodide	4.082	142	60847	53.256	ug/l	100
11) Tert butyl alcohol	4.948	59	22640	216.120	ug/l	100
12) 1,1-Dichloroethene	3.863	96	41175	46.610	ug/l	99
13) Acrolein	3.723	56	18010	250.476	ug/l	97
14) Allyl chloride	4.466	41	53753	41.404	ug/l	96
15) Acrylonitrile	5.155	53	56623	235.562	ug/l	99
16) Acetone	3.942	43	58536	253.706	ug/l	92
17) Carbon Disulfide	4.186	76	94308	37.270	ug/l #	93
18) Methyl Acetate	4.466	43	26601	42.337	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	124722	51.384	ug/l	98
20) Methylene Chloride	4.704	84	53118	49.751	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	47692	46.944	ug/l	96
22) Diisopropyl ether	6.112	45	125672	49.215	ug/l	96
23) Vinyl Acetate	6.052	43	408161	253.313	ug/l	97
24) 1,1-Dichloroethane	6.009	63	79439	48.985	ug/l	97
25) 2-Butanone	6.978	43	78321	248.133	ug/l	95
26) 2,2-Dichloropropane	6.972	77	86269	50.618	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	57225	51.222	ug/l	95
28) Bromochloromethane	7.326	49	29480	43.686	ug/l #	80
29) Tetrahydrofuran	7.338	42	46704	227.802	ug/l	90
30) Chloroform	7.496	83	98771	49.802	ug/l	99
31) Cyclohexane	7.777	56	60801	39.947	ug/l	89
32) 1,1,1-Trichloroethane	7.691	97	95774	53.272	ug/l	99
36) 1,1-Dichloropropene	7.905	75	66050	48.616	ug/l	96
37) Ethyl Acetate	7.064	43	33036	48.287	ug/l #	94
38) Carbon Tetrachloride	7.893	117	90650	54.253	ug/l	96
39) Methylcyclohexane	9.179	83	78263	51.129	ug/l	95
40) Benzene	8.155	78	191956	48.296	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010083.D
 Acq On : 18 Aug 2022 12:20
 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 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:04:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	14936	42.264	ug/l #	12
42) 1,2-Dichloroethane	8.234	62	63570	51.331	ug/l	99
43) Isopropyl Acetate	8.265	43	61634	47.460	ug/l	96
44) Trichloroethene	8.935	130	63820	53.124	ug/l	96
45) 1,2-Dichloropropane	9.210	63	48147	51.232	ug/l	99
46) Dibromomethane	9.301	93	32937	54.722	ug/l	98
47) Bromodichloromethane	9.490	83	79122	54.498	ug/l	98
48) Methyl methacrylate	9.289	41	28346	50.165	ug/l	90
49) 1,4-Dioxane	9.295	88	7547	1219.554	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	189654	264.704	ug/l	93
52) Toluene	10.240	92	137840	53.808	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	75260	53.827	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	82299	53.811	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	46883	56.393	ug/l	97
56) Ethyl methacrylate	10.508	69	58003	60.367	ug/l	91
57) 1,3-Dichloropropane	10.788	76	72468	54.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	88896	213.785	ug/l	94
59) 2-Hexanone	10.831	43	125758	226.387	ug/l	93
60) Dibromochloromethane	10.984	129	64050	58.166	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48640	60.034	ug/l	100
64) Tetrachloroethene	10.715	164	66887	51.675	ug/l	95
65) Chlorobenzene	11.514	112	168922	53.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	68902	55.032	ug/l	99
67) Ethyl Benzene	11.593	91	291050	54.939	ug/l	95
68) m/p-Xylenes	11.703	106	237463	112.836	ug/l	97
69) o-Xylene	12.026	106	109866	55.881	ug/l	99
70) Styrene	12.044	104	191483	57.715	ug/l	99
71) Bromoform	12.209	173	44878	57.216	ug/l #	99
73) Isopropylbenzene	12.331	105	301009	57.988	ug/l	99
74) N-amyl acetate	12.142	43	62214	43.070	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	51769	50.167	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41265m	52.418	ug/l	
77) Bromobenzene	12.605	156	74369	53.928	ug/l	92
78) n-propylbenzene	12.672	91	336435	52.572	ug/l	97
79) 2-Chlorotoluene	12.758	91	191709	52.974	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	246330	54.472	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	18399	52.818	ug/l	98
82) 4-Chlorotoluene	12.855	91	201883	53.328	ug/l	98
83) tert-Butylbenzene	13.075	119	217993	54.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	250822	56.491	ug/l	98
85) sec-Butylbenzene	13.251	105	315197	54.307	ug/l	97
86) p-Isopropyltoluene	13.367	119	268468	53.972	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	146060	52.013	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	149149	52.610	ug/l	99
89) n-Butylbenzene	13.697	91	237296	53.546	ug/l	98
90) Hexachloroethane	13.959	117	52593	52.163	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	130033	52.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8781	49.508	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	80551	53.983	ug/l	99
94) Hexachlorobutadiene	15.111	225	50020	52.384	ug/l	99
95) Naphthalene	15.239	128	146685	55.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	70859	53.957	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
Data File : VY010083.D
Acq On : 18 Aug 2022 12:20
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 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 19:04:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
Response via : Initial Calibration

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

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

