

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012074.D
 Acq On : 05 Jan 2023 11:56
 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 01/06/2023
 Supervised By :Mahesh Dadoda 01/06/2023

Quant Time: Jan 05 23:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90351	45.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.760%		
35) Dibromofluoromethane	7.716	113	85707	48.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.620%		
50) Toluene-d8	10.179	98	321070	44.610	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.220%		
62) 4-Bromofluorobenzene	12.483	95	113442	46.865	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82343	52.133	ug/l	96
3) Chloromethane	2.113	50	75899	43.154	ug/l	100
4) Vinyl Chloride	2.253	62	89840	46.319	ug/l	99
5) Bromomethane	2.650	94	64397	46.668	ug/l	95
6) Chloroethane	2.796	64	59505	46.936	ug/l	97
7) Trichlorofluoromethane	3.125	101	178375	52.535	ug/l	99
8) Diethyl Ether	3.527	74	53204	50.785	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	96656	51.712	ug/l	95
10) Methyl Iodide	4.088	142	128017	49.503	ug/l	98
11) Tert butyl alcohol	4.942	59	54548	284.483	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	91594	48.990	ug/l	98
13) Acrolein	3.729	56	31775	170.733	ug/l	98
14) Allyl chloride	4.479	41	129154	46.909	ug/l	92
15) Acrylonitrile	5.161	53	126163	258.884	ug/l	99
16) Acetone	3.942	43	127693	215.512	ug/l	99
17) Carbon Disulfide	4.192	76	236449	39.646	ug/l	99
18) Methyl Acetate	4.472	43	66362	48.239	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	263782	54.987	ug/l	94
20) Methylene Chloride	4.716	84	111951	48.716	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	102513	48.255	ug/l	90
22) Diisopropyl ether	6.112	45	268619	49.537	ug/l	95
23) Vinyl Acetate	6.057	43	789334	253.004	ug/l	95
24) 1,1-Dichloroethane	6.015	63	175737	49.857	ug/l	98
25) 2-Butanone	6.978	43	152217	229.522	ug/l	96
26) 2,2-Dichloropropane	6.978	77	181531	52.631	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	117908	51.316	ug/l	97
28) Bromochloromethane	7.326	49	41773	43.187	ug/l	85
29) Tetrahydrofuran	7.344	42	91596	243.770	ug/l	92
30) Chloroform	7.502	83	233621	61.492	ug/l	97
31) Cyclohexane	7.783	56	144410	43.087	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	189593	52.467	ug/l	98
36) 1,1-Dichloropropene	7.917	75	139406	48.993	ug/l	98
37) Ethyl Acetate	7.069	43	60791	47.619	ug/l #	96
38) Carbon Tetrachloride	7.899	117	178108	54.198	ug/l	96
39) Methylcyclohexane	9.179	83	168654	49.259	ug/l	96
40) Benzene	8.155	78	410807	50.449	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012074.D
 Acq On : 05 Jan 2023 11:56
 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 01/06/2023
 Supervised By :Mahesh Dadoda 01/06/2023

Quant Time: Jan 05 23:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	37049	60.015	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	125730	53.634	ug/l	100
43) Isopropyl Acetate	8.271	43	120568	51.712	ug/l	96
44) Trichloroethene	8.935	130	120157	52.351	ug/l	99
45) 1,2-Dichloropropane	9.215	63	93831	49.871	ug/l	98
46) Dibromomethane	9.301	93	55849	51.533	ug/l	97
47) Bromodichloromethane	9.496	83	157338	57.225	ug/l	99
48) Methyl methacrylate	9.289	41	55549	51.457	ug/l	95
49) 1,4-Dioxane	9.295	88	15119	1168.455	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	316803	254.823	ug/l	98
52) Toluene	10.240	92	268714	51.794	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	149702	53.884	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	165816	53.098	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	82118	53.396	ug/l	98
56) Ethyl methacrylate	10.508	69	106418	54.653	ug/l	96
57) 1,3-Dichloropropane	10.788	76	134896	52.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	183372	244.052	ug/l	94
59) 2-Hexanone	10.831	43	227513	248.753	ug/l	97
60) Dibromochloromethane	10.983	129	108889	56.204	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76494	53.164	ug/l	99
64) Tetrachloroethene	10.721	164	122938	53.151	ug/l	95
65) Chlorobenzene	11.514	112	290267	52.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	113509	55.603	ug/l	99
67) Ethyl Benzene	11.593	91	523081	52.741	ug/l	100
68) m/p-Xylenes	11.703	106	411622	106.717	ug/l	99
69) o-Xylene	12.032	106	196236	54.679	ug/l	98
70) Styrene	12.044	104	333189	55.293	ug/l	99
71) Bromoform	12.209	173	68874	56.938	ug/l #	99
73) Isopropylbenzene	12.331	105	538861	52.962	ug/l	99
74) N-amyl acetate	12.142	43	106010	50.822	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	85933	50.627	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	69706m	40.856	ug/l	
77) Bromobenzene	12.611	156	124662	52.960	ug/l	94
78) n-propylbenzene	12.672	91	629139	51.442	ug/l	99
79) 2-Chlorotoluene	12.758	91	352399	51.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	459417	52.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32745	52.559	ug/l	98
82) 4-Chlorotoluene	12.855	91	370378	52.071	ug/l	99
83) tert-Butylbenzene	13.075	119	402204	54.479	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	453820	52.955	ug/l	99
85) sec-Butylbenzene	13.251	105	581805	52.776	ug/l	98
86) p-Isopropyltoluene	13.367	119	503875	54.169	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	250217	52.856	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	247586	52.609	ug/l	99
89) n-Butylbenzene	13.696	91	443491	52.667	ug/l	99
90) Hexachloroethane	13.959	117	93494	52.677	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	221509	53.673	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16113	55.238	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	142281	58.606	ug/l	99
94) Hexachlorobutadiene	15.111	225	87117	55.534	ug/l	100
95) Naphthalene	15.239	128	271804	53.614	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	121945	59.411	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012074.D
 Acq On : 05 Jan 2023 11:56
 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 01/06/2023
 Supervised By :Mahesh Dadoda 01/06/2023

Quant Time: Jan 05 23:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

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

