

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009191.D
 Acq On : 16 Jun 2022 09:53
 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 06/17/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 15:40:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	199640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107070	51.342	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.680%			
35) Dibromofluoromethane	7.716	113	107042	52.587	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.180%			
50) Toluene-d8	10.179	98	403476	52.071	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.140%			
62) 4-Bromofluorobenzene	12.483	95	139990	50.841	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	61741	40.855	ug/l	99
3) Chloromethane	2.113	50	83568	44.634	ug/l	94
4) Vinyl Chloride	2.247	62	92924	47.282	ug/l	98
5) Bromomethane	2.643	94	62328	45.143	ug/l	91
6) Chloroethane	2.790	64	59494	48.377	ug/l	96
7) Trichlorofluoromethane	3.119	101	162604	51.795	ug/l	95
8) Diethyl Ether	3.527	74	56934	47.796	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	91375	47.337	ug/l	95
10) Methyl Iodide	4.082	142	118001	47.855	ug/l #	88
11) Tert butyl alcohol	4.936	59	77273	233.556	ug/l	98
12) 1,1-Dichloroethene	3.869	96	87898	46.269	ug/l	81
13) Acrolein	3.729	56	12159	207.637	ug/l	98
14) Allyl chloride	4.472	41	167371	48.822	ug/l	91
15) Acrylonitrile	5.155	53	157069	246.532	ug/l	97
16) Acetone	3.942	43	149933	285.416	ug/l	91
17) Carbon Disulfide	4.186	76	261107	47.477	ug/l	100
18) Methyl Acetate	4.472	43	73233	48.152	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	285589	49.825	ug/l	97
20) Methylene Chloride	4.704	84	110012	46.314	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	110650	49.709	ug/l	88
22) Diisopropyl ether	6.112	45	358170	50.670	ug/l	94
23) Vinyl Acetate	6.051	43	1175196	264.285	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	197736	49.506	ug/l	98
25) 2-Butanone	6.978	43	220768	265.583	ug/l	95
26) 2,2-Dichloropropane	6.972	77	176051	49.745	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	129822	49.728	ug/l	90
28) Bromochloromethane	7.332	49	91232	53.290	ug/l #	85
29) Tetrahydrofuran	7.344	42	136390	247.111	ug/l	90
30) Chloroform	7.502	83	201122	48.953	ug/l	99
31) Cyclohexane	7.777	56	181588	48.610	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	174346	48.262	ug/l	96
36) 1,1-Dichloropropene	7.911	75	153341	48.972	ug/l	97
37) Ethyl Acetate	7.069	43	93378	50.115	ug/l #	95
38) Carbon Tetrachloride	7.899	117	158114	48.835	ug/l	99
39) Methylcyclohexane	9.179	83	194423	51.504	ug/l	91
40) Benzene	8.155	78	458372	50.130	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	54330	52.132	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	129192	48.447	ug/l	91
43) Isopropyl Acetate	8.271	43	171340	49.717	ug/l #	92
44) Trichloroethene	8.935	130	126624	48.447	ug/l	97
45) 1,2-Dichloropropane	9.215	63	116021	50.058	ug/l	97
46) Dibromomethane	9.301	93	66349	49.766	ug/l	99
47) Bromodichloromethane	9.496	83	157946	49.706	ug/l	97
48) Methyl methacrylate	9.289	41	78081	50.760	ug/l #	86
49) 1,4-Dioxane	9.295	88	19086	1006.393	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	447844	247.041	ug/l	91
52) Toluene	10.240	92	289895	49.654	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	168469	50.544	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	191907	50.979	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	94334	50.000	ug/l	99
56) Ethyl methacrylate	10.508	69	129671	50.699	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	160271	49.727	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	280103	252.649	ug/l	95
59) 2-Hexanone	10.831	43	318322	255.959	ug/l	89
60) Dibromochloromethane	10.983	129	112651	48.769	ug/l	99
61) 1,2-Dibromoethane	11.087	107	91507	49.765	ug/l	100
64) Tetrachloroethene	10.715	164	132496	48.875	ug/l	99
65) Chlorobenzene	11.514	112	308768	48.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	114642	49.384	ug/l	97
67) Ethyl Benzene	11.593	91	537449	48.589	ug/l	97
68) m/p-Xylenes	11.703	106	419114	96.109	ug/l	94
69) o-Xylene	12.026	106	202867	49.099	ug/l	92
70) Styrene	12.044	104	340213	49.084	ug/l	96
71) Bromoform	12.209	173	71700	48.356	ug/l #	97
73) Isopropylbenzene	12.331	105	521473	50.681	ug/l	99
74) N-amyl acetate	12.142	43	138862	48.381	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	101129	49.659	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	80031m	53.018	ug/l	
77) Bromobenzene	12.605	156	127431	50.409	ug/l	93
78) n-propylbenzene	12.672	91	625672	50.256	ug/l	97
79) 2-Chlorotoluene	12.758	91	354793	50.580	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	429748	49.970	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	37583	49.618	ug/l	86
82) 4-Chlorotoluene	12.855	91	362764	49.564	ug/l	97
83) tert-Butylbenzene	13.075	119	377264	49.895	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	425963	50.462	ug/l	98
85) sec-Butylbenzene	13.251	105	556263	49.683	ug/l	99
86) p-Isopropyltoluene	13.367	119	460201	49.531	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	240384	49.303	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241090	48.712	ug/l	98
89) n-Butylbenzene	13.696	91	429563	48.892	ug/l	98
90) Hexachloroethane	13.959	117	86472	49.358	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	219011	49.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17264	46.983	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	135328	48.819	ug/l	99
94) Hexachlorobutadiene	15.111	225	69592	45.676	ug/l	99
95) Naphthalene	15.239	128	292215	50.540	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	118594	48.609	ug/l	99

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

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