

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009580.D
 Acq On : 19 Jul 2022 10:21
 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 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 15:08:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100969	49.444	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.880%		
35) Dibromofluoromethane	7.710	113	101234	49.807	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.620%		
50) Toluene-d8	10.179	98	389443	49.841	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	99.680%		
62) 4-Bromofluorobenzene	12.477	95	127747	50.456	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	100.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	83868	44.266	ug/l	100
3) Chloromethane	2.107	50	126725	45.135	ug/l	95
4) Vinyl Chloride	2.247	62	133736	45.549	ug/l	98
5) Bromomethane	2.643	94	91153	45.869	ug/l	99
6) Chloroethane	2.784	64	82594	46.310	ug/l	99
7) Trichlorofluoromethane	3.119	101	156483	44.977	ug/l	97
8) Diethyl Ether	3.521	74	52489	46.110	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	92235	45.335	ug/l	94
10) Methyl Iodide	4.082	142	120381	44.544	ug/l #	88
11) Tert butyl alcohol	4.948	59	42900	206.083	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	90817	45.737	ug/l	81
13) Acrolein	3.722	56	32702	223.997	ug/l	99
14) Allyl chloride	4.472	41	143055	46.573	ug/l #	92
15) Acrylonitrile	5.155	53	133237	236.990	ug/l	98
16) Acetone	3.942	43	138971	269.018	ug/l	91
17) Carbon Disulfide	4.186	76	282329	45.737	ug/l	100
18) Methyl Acetate	4.466	43	62306	42.967	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	250350	47.838	ug/l	97
20) Methylene Chloride	4.704	84	119205	45.159	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	102993	45.828	ug/l	87
22) Diisopropyl ether	6.112	45	309683	47.215	ug/l	92
23) Vinyl Acetate	6.051	43	1016610	245.654	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	173845	45.890	ug/l	99
25) 2-Butanone	6.978	43	190524	252.839	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	154539	45.537	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	115676	46.554	ug/l	87
28) Bromochloromethane	7.325	49	83859	51.664	ug/l #	83
29) Tetrahydrofuran	7.338	42	119974	242.505	ug/l	90
30) Chloroform	7.502	83	177062	45.690	ug/l	99
31) Cyclohexane	7.777	56	158312	43.966	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	161089	46.343	ug/l	96
36) 1,1-Dichloropropene	7.911	75	140332	46.722	ug/l	97
37) Ethyl Acetate	7.063	43	80158	47.952	ug/l	96
38) Carbon Tetrachloride	7.892	117	145370	46.235	ug/l	97
39) Methylcyclohexane	9.179	83	172712	46.636	ug/l	91
40) Benzene	8.155	78	403743	45.940	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	48575m	60.556	ug/l	
42) 1,2-Dichloroethane	8.234	62	115339	46.782	ug/l	92
43) Isopropyl Acetate	8.270	43	146017	47.670	ug/l #	93
44) Trichloroethene	8.935	130	115595	46.248	ug/l	97
45) 1,2-Dichloropropane	9.209	63	99035	45.930	ug/l	97
46) Dibromomethane	9.301	93	59224	47.292	ug/l	95
47) Bromodichloromethane	9.490	83	138361	47.118	ug/l	97
48) Methyl methacrylate	9.289	41	68824	50.856	ug/l	89
49) 1,4-Dioxane	9.295	88	16009	959.041	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	394792	248.231	ug/l	93
52) Toluene	10.240	92	259233	46.566	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	144715	47.714	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	165619	48.026	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	81764	46.360	ug/l	95
56) Ethyl methacrylate	10.508	69	112164	49.709	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	138089	47.182	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	315862	258.213	ug/l	95
59) 2-Hexanone	10.831	43	285490	258.089	ug/l	90
60) Dibromochloromethane	10.983	129	101069	47.358	ug/l	99
61) 1,2-Dibromoethane	11.087	107	81351	47.277	ug/l	100
64) Tetrachloroethene	10.715	164	105447	46.383	ug/l	97
65) Chlorobenzene	11.514	112	278462	46.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104809	47.523	ug/l	97
67) Ethyl Benzene	11.587	91	489788	46.913	ug/l	98
68) m/p-Xylenes	11.697	106	392402	94.440	ug/l	91
69) o-Xylene	12.026	106	186737	48.025	ug/l	90
70) Styrene	12.044	104	316517	48.942	ug/l	94
71) Bromoform	12.203	173	67630	48.592	ug/l #	99
73) Isopropylbenzene	12.325	105	483926	47.220	ug/l	99
74) N-amyl acetate	12.142	43	138362	50.764	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	96105	46.825	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	68616m	48.662	ug/l	
77) Bromobenzene	12.605	156	121652	47.204	ug/l	89
78) n-propylbenzene	12.666	91	584562	47.204	ug/l	97
79) 2-Chlorotoluene	12.751	91	320965	46.747	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	403162	47.608	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	34373	48.067	ug/l	86
82) 4-Chlorotoluene	12.855	91	330851	46.449	ug/l	95
83) tert-Butylbenzene	13.074	119	356997	47.450	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	402137	47.483	ug/l	97
85) sec-Butylbenzene	13.251	105	526905	47.236	ug/l	99
86) p-Isopropyltoluene	13.367	119	452655	48.287	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	236535	46.397	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	233327	46.160	ug/l	98
89) n-Butylbenzene	13.696	91	414159	48.375	ug/l	98
90) Hexachloroethane	13.958	117	84568	46.825	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	209941	47.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15211	48.716	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	136327	48.771	ug/l	99
94) Hexachlorobutadiene	15.111	225	81188	48.960	ug/l	99
95) Naphthalene	15.233	128	271791	50.928	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	120499	49.075	ug/l	99

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

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