

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074942.D
 Acq On : 16 Nov 2022 11:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 00:19:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	176724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	220793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61508	52.700	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.400%			
35) Dibromofluoromethane	7.804	113	77703	50.594	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.180%			
50) Toluene-d8	10.269	98	242273	47.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.575	95	77830	50.101	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	54652	46.065	ug/l	92
3) Chloromethane	2.146	50	85815	46.033	ug/l	93
4) Vinyl Chloride	2.287	62	109050	44.007	ug/l	98
5) Bromomethane	2.693	94	92196	49.535	ug/l	99
6) Chloroethane	2.840	64	81455	44.763	ug/l	98
7) Trichlorofluoromethane	3.175	101	133909	47.428	ug/l	98
8) Diethyl Ether	3.593	74	38783	47.909	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	84465	46.880	ug/l	99
10) Methyl Iodide	4.163	142	104400	48.845	ug/l	100
11) Tert butyl alcohol	5.046	59	19320	224.999	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	83173	47.391	ug/l	94
13) Acrolein	3.799	56	12479	254.094	ug/l	97
14) Allyl chloride	4.563	41	92437	49.241	ug/l	99
15) Acrylonitrile	5.258	53	78919	249.471	ug/l	98
16) Acetone	4.016	43	77243	264.766	ug/l	97
17) Carbon Disulfide	4.269	76	223657	44.797	ug/l	98
18) Methyl Acetate	4.563	43	36221	47.459	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	169102	48.127	ug/l	98
20) Methylene Chloride	4.805	84	117586	46.562	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	94386	47.426	ug/l	91
22) Diisopropyl ether	6.216	45	207301	49.545	ug/l	98
23) Vinyl Acetate	6.157	43	482999	268.956	ug/l	98
24) 1,1-Dichloroethane	6.110	63	149085	47.712	ug/l	99
25) 2-Butanone	7.081	43	97554	255.710	ug/l	96
26) 2,2-Dichloropropane	7.081	77	139533	47.517	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	106638	48.298	ug/l	100
28) Bromochloromethane	7.428	49	49502	49.105	ug/l	95
29) Tetrahydrofuran	7.440	42	51750	245.062	ug/l	96
30) Chloroform	7.593	83	161195	47.105	ug/l	98
31) Cyclohexane	7.881	56	118032	45.812	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	142347	48.267	ug/l	96
36) 1,1-Dichloropropene	8.010	75	121589	53.869	ug/l	99
37) Ethyl Acetate	7.163	43	37569	49.603	ug/l	96
38) Carbon Tetrachloride	7.993	117	114602	53.940	ug/l	97
39) Methylcyclohexane	9.275	83	121073	50.070	ug/l	95
40) Benzene	8.251	78	357049	55.013	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	21618	53.816	ug/l	96
42) 1,2-Dichloroethane	8.328	62	83149	53.533	ug/l	99
43) Isopropyl Acetate	8.363	43	73015	54.735	ug/l	98
44) Trichloroethene	9.028	130	85218	49.699	ug/l	94
45) 1,2-Dichloropropane	9.304	63	72330	49.599	ug/l	96
46) Dibromomethane	9.398	93	40325	49.376	ug/l	93
47) Bromodichloromethane	9.587	83	102761	50.699	ug/l	96
48) Methyl methacrylate	9.381	41	30605	51.792	ug/l	92
49) 1,4-Dioxane	9.387	88	8106	1011.484	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	171531	269.727	ug/l	97
52) Toluene	10.334	92	200958	51.786	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	95050	53.085	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	115251	52.486	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	57845	50.938	ug/l	98
56) Ethyl methacrylate	10.598	69	65662	47.961	ug/l	95
57) 1,3-Dichloropropane	10.881	76	94438	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	128218	265.579	ug/l	97
59) 2-Hexanone	10.922	43	124957	281.862	ug/l	99
60) Dibromochloromethane	11.075	129	68106	50.555	ug/l	100
61) 1,2-Dibromoethane	11.181	107	53692	50.555	ug/l	99
64) Tetrachloroethene	10.810	164	68186	46.060	ug/l	96
65) Chlorobenzene	11.610	112	211432	48.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	75325	49.773	ug/l	99
67) Ethyl Benzene	11.687	91	385177	51.186	ug/l	97
68) m/p-Xylenes	11.798	106	304849	101.606	ug/l	98
69) o-Xylene	12.122	106	140118	50.761	ug/l	98
70) Styrene	12.140	104	244591	51.692	ug/l	99
71) Bromoform	12.298	173	38269	48.861	ug/l #	96
73) Isopropylbenzene	12.422	105	375402	53.389	ug/l	99
74) N-amyl acetate	12.234	43	58661	50.707	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	63979	51.440	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	36678m	42.926	ug/l	
77) Bromobenzene	12.704	156	81870	49.755	ug/l	92
78) n-propylbenzene	12.763	91	456281	52.791	ug/l	98
79) 2-Chlorotoluene	12.851	91	244683	52.540	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	305022	52.062	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	18730	53.926	ug/l	95
82) 4-Chlorotoluene	12.951	91	251092	51.774	ug/l	98
83) tert-Butylbenzene	13.169	119	261744	51.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	297803	51.394	ug/l	98
85) sec-Butylbenzene	13.351	105	406746	52.601	ug/l	100
86) p-Isopropyltoluene	13.463	119	339018	52.725	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	169979	49.660	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	163594	48.156	ug/l	98
89) n-Butylbenzene	13.792	91	309968	51.924	ug/l	99
90) Hexachloroethane	14.057	117	59913	52.025	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	143781	49.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8671	50.566	ug/l	81
93) 1,2,4-Trichlorobenzene	15.104	180	86591	48.872	ug/l	100
94) Hexachlorobutadiene	15.210	225	43280	47.356	ug/l	99
95) Naphthalene	15.333	128	165153	50.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	73974	48.280	ug/l	99

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

