

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074925.D
 Acq On : 14 Nov 2022 10:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 00:15:00 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	163500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	245869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61780	57.790	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.580%			
35) Dibromofluoromethane	7.804	113	76250	45.878	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.760%			
50) Toluene-d8	10.269	98	278534	50.876	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.575	95	91908	54.671	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	52670	48.095	ug/l	93
3) Chloromethane	2.146	50	80611	46.800	ug/l	94
4) Vinyl Chloride	2.287	62	104990	45.796	ug/l	98
5) Bromomethane	2.693	94	93299	54.276	ug/l	99
6) Chloroethane	2.840	64	78791	46.801	ug/l	99
7) Trichlorofluoromethane	3.181	101	127304	48.736	ug/l	98
8) Diethyl Ether	3.593	74	35861	47.883	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	82476	49.478	ug/l	98
10) Methyl Iodide	4.169	142	95471	48.336	ug/l	99
11) Tert butyl alcohol	5.058	59	16353	204.306	ug/l #	84
12) 1,1-Dichloroethene	3.946	96	79224	48.792	ug/l	96
13) Acrolein	3.799	56	8803	185.951	ug/l	98
14) Allyl chloride	4.569	41	86476	49.791	ug/l	100
15) Acrylonitrile	5.263	53	73026	249.514	ug/l	99
16) Acetone	4.022	43	75453	279.548	ug/l	96
17) Carbon Disulfide	4.275	76	223266	48.336	ug/l	98
18) Methyl Acetate	4.563	43	33548	47.515	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	159088	48.939	ug/l	98
20) Methylene Chloride	4.805	84	106269	45.067	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	90722	49.271	ug/l	93
22) Diisopropyl ether	6.222	45	201241	51.986	ug/l	98
23) Vinyl Acetate	6.157	43	461555	277.802	ug/l	100
24) 1,1-Dichloroethane	6.116	63	141625	48.991	ug/l	98
25) 2-Butanone	7.081	43	91141	258.222	ug/l	96
26) 2,2-Dichloropropane	7.081	77	131537	48.417	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	103360	50.599	ug/l	99
28) Bromochloromethane	7.428	49	49070	52.614	ug/l	94
29) Tetrahydrofuran	7.446	42	49917	255.500	ug/l	96
30) Chloroform	7.599	83	158909	50.193	ug/l	98
31) Cyclohexane	7.881	56	115955	48.646	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	137564	50.418	ug/l	98
36) 1,1-Dichloropropene	8.010	75	118663	48.580	ug/l	99
37) Ethyl Acetate	7.169	43	36332	44.327	ug/l	96
38) Carbon Tetrachloride	7.993	117	112973	49.135	ug/l	99
39) Methylcyclohexane	9.275	83	140171	53.566	ug/l	94
40) Benzene	8.252	78	352568	50.197	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	21268	48.924	ug/l	93
42) 1,2-Dichloroethane	8.328	62	82073	48.827	ug/l	99
43) Isopropyl Acetate	8.363	43	69766	48.328	ug/l	99
44) Trichloroethene	9.028	130	97788	52.699	ug/l	100
45) 1,2-Dichloropropane	9.310	63	83220	52.732	ug/l	98
46) Dibromomethane	9.398	93	46895	53.059	ug/l	95
47) Bromodichloromethane	9.587	83	119804	54.618	ug/l	97
48) Methyl methacrylate	9.381	41	33613	52.562	ug/l	95
49) 1,4-Dioxane	9.393	88	8950	1031.986	ug/l	92
51) 4-Methyl-2-Pentanone	10.163	43	190244	276.434	ug/l	98
52) Toluene	10.334	92	235345	56.041	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	107065	55.254	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	131179	55.203	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	67962	55.301	ug/l	98
56) Ethyl methacrylate	10.598	69	74085	49.886	ug/l	98
57) 1,3-Dichloropropane	10.881	76	108846	55.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	145216	276.998	ug/l	98
59) 2-Hexanone	10.922	43	138144	287.943	ug/l	99
60) Dibromochloromethane	11.075	129	81283	55.754	ug/l	100
61) 1,2-Dibromoethane	11.181	107	62862	54.694	ug/l	99
64) Tetrachloroethene	10.810	164	84834	51.461	ug/l	96
65) Chlorobenzene	11.610	112	250826	52.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	89733	53.247	ug/l	97
67) Ethyl Benzene	11.687	91	447032	53.347	ug/l	98
68) m/p-Xylenes	11.798	106	357109	106.885	ug/l	99
69) o-Xylene	12.122	106	163595	53.221	ug/l	97
70) Styrene	12.140	104	285675	54.217	ug/l	99
71) Bromoform	12.304	173	47197	54.114	ug/l #	97
73) Isopropylbenzene	12.422	105	441590	54.148	ug/l	99
74) N-amyl acetate	12.234	43	68211	50.836	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	75256	52.168	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	51428m	51.895	ug/l	
77) Bromobenzene	12.704	156	102284	53.595	ug/l	96
78) n-propylbenzene	12.763	91	543092	54.176	ug/l	98
79) 2-Chlorotoluene	12.851	91	288348	53.384	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	364887	53.698	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	21087	52.345	ug/l	97
82) 4-Chlorotoluene	12.951	91	301601	53.619	ug/l	98
83) tert-Butylbenzene	13.169	119	309928	52.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	363354	54.065	ug/l	100
85) sec-Butylbenzene	13.351	105	486207	54.212	ug/l	100
86) p-Isopropyltoluene	13.463	119	405928	54.431	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	207807	52.345	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	206134	52.316	ug/l	98
89) n-Butylbenzene	13.792	91	376436	54.368	ug/l	99
90) Hexachloroethane	14.057	117	73022	54.670	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	178089	52.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9916	49.857	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	107826	52.471	ug/l	99
94) Hexachlorobutadiene	15.204	225	59875	56.486	ug/l	98
95) Naphthalene	15.333	128	196735	51.580	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	94276	53.051	ug/l	98

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

