

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074497.D
 Acq On : 10 Oct 2022 12:09
 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 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	175471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	157068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	70376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48827	48.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.960%		
35) Dibromofluoromethane	7.804	113	58865	50.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.740%		
50) Toluene-d8	10.269	98	217352	51.376	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.760%		
62) 4-Bromofluorobenzene	12.569	95	59514	44.943	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48564	48.542	ug/l	94
3) Chloromethane	2.146	50	56668	41.055	ug/l	92
4) Vinyl Chloride	2.281	62	58420	48.757	ug/l	100
5) Bromomethane	2.687	94	35798	51.060	ug/l	93
6) Chloroethane	2.834	64	39297	49.797	ug/l	98
7) Trichlorofluoromethane	3.169	101	94370	48.101	ug/l	97
8) Diethyl Ether	3.593	74	28738	47.367	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.963	101	61285	48.335	ug/l	100
10) Methyl Iodide	4.158	142	68360	41.168	ug/l	97
11) Tert butyl alcohol	5.040	59	25659	274.510	ug/l	98
12) 1,1-Dichloroethene	3.940	96	62526	46.804	ug/l	96
13) Acrolein	3.799	56	11871	178.646	ug/l	98
14) Allyl chloride	4.563	41	71436	46.714	ug/l	99
15) Acrylonitrile	5.252	53	56769	235.332	ug/l	100
16) Acetone	4.022	43	61062	244.779	ug/l	96
17) Carbon Disulfide	4.269	76	191564	45.437	ug/l	98
18) Methyl Acetate	4.563	43	25937	42.392	ug/l	99
19) Methyl tert-butyl Ether	5.310	73	125518	47.674	ug/l	97
20) Methylene Chloride	4.793	84	75026	48.111	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	70683	47.838	ug/l	90
22) Diisopropyl ether	6.216	45	149154	47.857	ug/l	97
23) Vinyl Acetate	6.152	43	366390	255.536	ug/l	99
24) 1,1-Dichloroethane	6.110	63	105934	46.834	ug/l	99
25) 2-Butanone	7.081	43	72202	249.930	ug/l	99
26) 2,2-Dichloropropane	7.075	77	97082	48.583	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	75718	48.447	ug/l	99
28) Bromochloromethane	7.428	49	31955	47.854	ug/l	97
29) Tetrahydrofuran	7.446	42	38161	236.118	ug/l	95
30) Chloroform	7.593	83	111582	47.739	ug/l	95
31) Cyclohexane	7.875	56	94090	46.511	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	100589	48.721	ug/l	95
36) 1,1-Dichloropropene	8.010	75	86787	53.436	ug/l	100
37) Ethyl Acetate	7.163	43	29299	54.939	ug/l	98
38) Carbon Tetrachloride	7.993	117	82911	57.608	ug/l	95
39) Methylcyclohexane	9.269	83	102119	51.277	ug/l	96
40) Benzene	8.251	78	243441	51.610	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13853	47.469	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	55999	50.148	ug/l	99
43) Isopropyl Acetate	8.357	43	50450	49.604	ug/l	97
44) Trichloroethene	9.028	130	66200	49.948	ug/l	95
45) 1,2-Dichloropropane	9.304	63	53519	48.869	ug/l	93
46) Dibromomethane	9.393	93	30196	49.788	ug/l	95
47) Bromodichloromethane	9.587	83	76063	50.216	ug/l	97
48) Methyl methacrylate	9.381	41	23161	48.924	ug/l	94
49) 1,4-Dioxane	9.387	88	6604	1022.394	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	127495	252.193	ug/l	99
52) Toluene	10.334	92	152475	51.143	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	70251	50.812	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	86394	50.716	ug/l	92
55) 1,1,2-Trichloroethane	10.728	97	41274	48.399	ug/l	96
56) Ethyl methacrylate	10.598	69	49785	51.893	ug/l	94
57) 1,3-Dichloropropane	10.875	76	69305	50.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	66356	288.870	ug/l	97
59) 2-Hexanone	10.922	43	95991	276.878	ug/l	99
60) Dibromochloromethane	11.069	129	49138	49.446	ug/l	98
61) 1,2-Dibromoethane	11.175	107	39479	50.095	ug/l	98
64) Tetrachloroethene	10.810	164	53631	49.215	ug/l	99
65) Chlorobenzene	11.604	112	158081	50.363	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	53666	50.820	ug/l	99
67) Ethyl Benzene	11.681	91	285355	50.436	ug/l	98
68) m/p-Xylenes	11.787	106	223592	100.564	ug/l	98
69) o-Xylene	12.116	106	104133	50.974	ug/l	96
70) Styrene	12.134	104	176879	50.536	ug/l	99
71) Bromoform	12.298	173	27437	49.418	ug/l #	95
73) Isopropylbenzene	12.416	105	274734	53.081	ug/l	100
74) N-amyl acetate	12.228	43	43478	49.122	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	43933	51.063	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	29514m	54.632	ug/l	
77) Bromobenzene	12.698	156	61531	52.292	ug/l	96
78) n-propylbenzene	12.757	91	328258	51.913	ug/l	99
79) 2-Chlorotoluene	12.845	91	173248	51.442	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	223351	52.237	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	12788	52.814	ug/l	99
82) 4-Chlorotoluene	12.945	91	178434	51.896	ug/l	99
83) tert-Butylbenzene	13.163	119	193966	52.720	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	219266	52.188	ug/l	100
85) sec-Butylbenzene	13.339	105	294465	51.956	ug/l	99
86) p-Isopropyltoluene	13.457	119	244276	52.250	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	122577	51.475	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	119599	50.453	ug/l	99
89) n-Butylbenzene	13.781	91	228162	52.105	ug/l	100
90) Hexachloroethane	14.045	117	42781	51.583	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	103960	51.327	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.439	75	6079	48.236	ug/l	91
93) 1,2,4-Trichlorobenzene	15.092	180	69018	52.510	ug/l	99
94) Hexachlorobutadiene	15.198	225	34818	50.816	ug/l	98
95) Naphthalene	15.322	128	131697	52.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	59483	52.247	ug/l	98

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

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