

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072730.D
 Acq On : 28 Apr 2022 17:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 01:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	346236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	629976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	603953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	270519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	261320	56.847	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.700%			
35) Dibromofluoromethane	7.909	113	234914	55.994	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.980%			
50) Toluene-d8	10.332	98	903577	59.742	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 119.480%			
62) 4-Bromofluorobenzene	12.620	95	325736	57.104	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	235355	49.880	ug/l	97
3) Chloromethane	2.209	50	275576	51.716	ug/l	97
4) Vinyl Chloride	2.350	62	245987	51.196	ug/l	99
5) Bromomethane	2.768	94	162847	52.469	ug/l	95
6) Chloroethane	2.921	64	155107	53.207	ug/l	97
7) Trichlorofluoromethane	3.273	101	406723	52.922	ug/l	98
8) Diethyl Ether	3.709	74	119248	52.361	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	234296	53.472	ug/l	98
10) Methyl Iodide	4.297	142	280191	53.883	ug/l	100
11) Tert butyl alcohol	5.209	59	103157	362.861	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	214174	52.227	ug/l	96
13) Acrolein	3.921	56	84986	218.318	ug/l	97
14) Allyl chloride	4.715	41	394954	56.884	ug/l	96
15) Acrylonitrile	5.415	53	263240	247.991	ug/l	97
16) Acetone	4.150	43	205958	228.620	ug/l	99
17) Carbon Disulfide	4.409	76	725073	52.639	ug/l	98
18) Methyl Acetate	4.715	43	124325	47.894	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	548191	53.335	ug/l	95
20) Methylene Chloride	4.962	84	287733	44.160	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	260180	53.736	ug/l	95
22) Diisopropyl ether	6.362	45	849828	56.719	ug/l	94
23) Vinyl Acetate	6.303	43	2296184	271.398	ug/l	97
24) 1,1-Dichloroethane	6.262	63	483387	54.713	ug/l	99
25) 2-Butanone	7.209	43	325186	241.889	ug/l	96
26) 2,2-Dichloropropane	7.209	77	399171	54.770	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	293850	54.770	ug/l	96
28) Bromochloromethane	7.544	49	192157	55.846	ug/l	88
29) Tetrahydrofuran	7.556	42	213790	252.712	ug/l	95
30) Chloroform	7.703	83	508195	55.659	ug/l	94
31) Cyclohexane	7.979	56	435801	54.607	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	437233	56.513	ug/l	96
36) 1,1-Dichloropropene	8.109	75	363447	51.706	ug/l	98
37) Ethyl Acetate	7.291	43	153724	48.021	ug/l #	95
38) Carbon Tetrachloride	8.091	117	368438	51.863	ug/l	98
39) Methylcyclohexane	9.350	83	477104	58.616	ug/l	97
40) Benzene	8.344	78	1050742	52.504	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	91365	49.747	ug/l	94
42) 1,2-Dichloroethane	8.420	62	322153	51.076	ug/l	99
43) Isopropyl Acetate	8.444	43	308540	50.721	ug/l	96
44) Trichloroethene	9.108	130	273507	51.658	ug/l	97
45) 1,2-Dichloropropane	9.379	63	272214	52.594	ug/l	99
46) Dibromomethane	9.467	93	144804	49.396	ug/l	99
47) Bromodichloromethane	9.656	83	384904	51.657	ug/l	99
48) Methyl methacrylate	9.450	41	161588	52.955	ug/l	96
49) 1,4-Dioxane	9.456	88	31201	964.365	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	769794	246.239	ug/l	96
52) Toluene	10.397	92	673711	53.887	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	362039	52.652	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	420878	52.477	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	201862	51.157	ug/l	94
56) Ethyl methacrylate	10.650	69	254154	54.969	ug/l	92
57) 1,3-Dichloropropane	10.938	76	343988	51.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	584838	241.533	ug/l	98
59) 2-Hexanone	10.973	43	535298	255.367	ug/l	100
60) Dibromochloromethane	11.132	129	243599	50.283	ug/l	97
61) 1,2-Dibromoethane	11.238	107	188063	50.228	ug/l	100
64) Tetrachloroethene	10.867	164	215136	51.937	ug/l	97
65) Chlorobenzene	11.661	112	700755	52.562	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	260936	52.214	ug/l	99
67) Ethyl Benzene	11.732	91	1290639	55.138	ug/l	98
68) m/p-Xylenes	11.844	106	969358	108.599	ug/l	97
69) o-Xylene	12.167	106	466373	55.287	ug/l	99
70) Styrene	12.185	104	794576	55.346	ug/l	99
71) Bromoform	12.349	173	128363	47.851	ug/l #	98
73) Isopropylbenzene	12.467	105	1208826	58.458	ug/l	100
74) N-amyl acetate	12.279	43	300112	56.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	229134	55.290	ug/l	92
76) 1,2,3-Trichloropropane	12.767	75	154702m	50.278	ug/l	
77) Bromobenzene	12.749	156	263190	53.452	ug/l	99
78) n-propylbenzene	12.808	91	1497634	57.948	ug/l	100
79) 2-Chlorotoluene	12.897	91	862090	57.002	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1028680	58.838	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	67320	51.243	ug/l	93
82) 4-Chlorotoluene	12.997	91	898579	56.444	ug/l	99
83) tert-Butylbenzene	13.208	119	859090	58.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1011023	57.912	ug/l	100
85) sec-Butylbenzene	13.391	105	1273796	57.659	ug/l	100
86) p-Isopropyltoluene	13.502	119	1050330	58.087	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	530144	54.726	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	509483	52.724	ug/l	99
89) n-Butylbenzene	13.826	91	1027893	58.428	ug/l	99
90) Hexachloroethane	14.096	117	198738	54.806	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	454203	53.443	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	34384	50.541	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	274865	55.670	ug/l	99
94) Hexachlorobutadiene	15.249	225	141088	53.819	ug/l	97
95) Naphthalene	15.385	128	526709	56.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	240186	55.191	ug/l	98

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

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