

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075016.D
 Acq On : 14 Dec 2022 12:01
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:04:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	196231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58165	41.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.840%		
35) Dibromofluoromethane	7.805	113	75872	45.154	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.300%		
50) Toluene-d8	10.269	98	217036	42.135	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.280%		
62) 4-Bromofluorobenzene	12.575	95	75510	45.657	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48212	41.749	ug/l	100
3) Chloromethane	2.146	50	97223	44.295	ug/l	100
4) Vinyl Chloride	2.281	62	103744	43.697	ug/l	100
5) Bromomethane	2.681	94	69819	40.514	ug/l	100
6) Chloroethane	2.828	64	78615	44.764	ug/l	100
7) Trichlorofluoromethane	3.170	101	125325	43.350	ug/l	100
8) Diethyl Ether	3.587	74	40197	46.515	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	84736	44.982	ug/l	100
10) Methyl Iodide	4.164	142	67575	45.994	ug/l	100
11) Tert butyl alcohol	5.058	59	24242	228.042	ug/l	100
12) 1,1-Dichloroethene	3.934	96	80749	44.749	ug/l	100
13) Acrolein	3.793	56	45473	235.198	ug/l	100
14) Allyl chloride	4.564	41	94792	45.963	ug/l	100
15) Acrylonitrile	5.258	53	87422	239.727	ug/l	100
16) Acetone	4.022	43	94867	260.316	ug/l	100
17) Carbon Disulfide	4.269	76	180285	43.839	ug/l	100
18) Methyl Acetate	4.564	43	39833	39.642	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	185980	48.452	ug/l	100
20) Methylene Chloride	4.799	84	105006	37.340	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	91085	46.293	ug/l	100
22) Diisopropyl ether	6.216	45	231010	48.957	ug/l	100
23) Vinyl Acetate	6.158	43	543847	274.685	ug/l	100
24) 1,1-Dichloroethane	6.116	63	155041	46.299	ug/l	100
25) 2-Butanone	7.081	43	114138	248.670	ug/l	100
26) 2,2-Dichloropropane	7.075	77	144034	45.767	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	108690	46.732	ug/l	100
28) Bromochloromethane	7.428	49	50130	46.814	ug/l	100
29) Tetrahydrofuran	7.446	42	60036	244.366	ug/l	100
30) Chloroform	7.599	83	170593	46.715	ug/l	100
31) Cyclohexane	7.875	56	111777	44.525	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	144484	46.249	ug/l	100
36) 1,1-Dichloropropene	8.005	75	115982	52.532	ug/l	100
37) Ethyl Acetate	7.169	43	44550	51.563	ug/l	100
38) Carbon Tetrachloride	7.993	117	112780	54.604	ug/l	100
39) Methylcyclohexane	9.275	83	111498	49.604	ug/l	100
40) Benzene	8.252	78	356711	53.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23843	53.232	ug/l	100
42) 1,2-Dichloroethane	8.328	62	80126	50.358	ug/l	100
43) Isopropyl Acetate	8.363	43	73288	50.568	ug/l	100
44) Trichloroethene	9.028	130	84989	48.974	ug/l	100
45) 1,2-Dichloropropane	9.304	63	77692	51.678	ug/l	100
46) Dibromomethane	9.393	93	41639	50.980	ug/l	100
47) Bromodichloromethane	9.587	83	106333	51.285	ug/l	100
48) Methyl methacrylate	9.381	41	33116	52.051	ug/l	100
49) 1,4-Dioxane	9.387	88	10103	1105.074	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	199647	275.603	ug/l	100
52) Toluene	10.334	92	203678	51.986	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	101041	52.874	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	120865	52.134	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	61496	51.562	ug/l	100
56) Ethyl methacrylate	10.599	69	71950	54.952	ug/l	100
57) 1,3-Dichloropropane	10.881	76	99873	51.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	142437	267.707	ug/l	100
59) 2-Hexanone	10.922	43	146941	278.531	ug/l	100
60) Dibromochloromethane	11.075	129	72546	52.075	ug/l	100
61) 1,2-Dibromoethane	11.181	107	55476	51.529	ug/l	100
64) Tetrachloroethene	10.810	164	67399	47.622	ug/l	100
65) Chlorobenzene	11.610	112	219059	49.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	79478	50.582	ug/l	100
67) Ethyl Benzene	11.687	91	389958	50.495	ug/l	100
68) m/p-Xylenes	11.793	106	306639	101.187	ug/l	100
69) o-Xylene	12.122	106	143417	49.960	ug/l	100
70) Styrene	12.134	104	254874	51.658	ug/l	100
71) Bromoform	12.298	173	40706	50.401	ug/l #	100
73) Isopropylbenzene	12.422	105	384690	50.097	ug/l	100
74) N-amyl acetate	12.234	43	71770	53.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	68976	49.971	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	48556m	48.165	ug/l	
77) Bromobenzene	12.704	156	87295	49.966	ug/l	100
78) n-propylbenzene	12.763	91	472969	50.309	ug/l	100
79) 2-Chlorotoluene	12.851	91	257328	50.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	321054	50.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20334	51.251	ug/l	100
82) 4-Chlorotoluene	12.951	91	264870	49.875	ug/l	100
83) tert-Butylbenzene	13.169	119	276317	50.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	319521	50.766	ug/l	100
85) sec-Butylbenzene	13.345	105	427269	50.224	ug/l	100
86) p-Isopropyltoluene	13.463	119	357016	50.363	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	179578	48.632	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	176033	48.303	ug/l	100
89) n-Butylbenzene	13.792	91	335128	50.569	ug/l	100
90) Hexachloroethane	14.057	117	61507	48.831	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	157046	49.827	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9327	51.015	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	96740	49.799	ug/l	100
94) Hexachlorobutadiene	15.204	225	48845	48.829	ug/l	100
95) Naphthalene	15.334	128	187739	51.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	81580	49.514	ug/l	100

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

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