

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073772.D
 Acq On : 01 Jul 2022 19:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/05/2022
 Supervised By : Semsettin Yesilyurt 07/05/2022

Quant Time: Jul 05 05:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	142153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	279808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	260635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	118037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	74027	53.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.760%			
35) Dibromofluoromethane	7.903	113	72702	47.829	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.660%			
50) Toluene-d8	10.332	98	237974	42.680	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.360%			
62) 4-Bromofluorobenzene	12.620	95	105349	47.904	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	36418	41.531	ug/l	95
3) Chloromethane	2.209	50	51392	52.234	ug/l	94
4) Vinyl Chloride	2.338	62	58545	52.651	ug/l	95
5) Bromomethane	2.750	94	41163	63.277	ug/l	96
6) Chloroethane	2.909	64	45355	56.122	ug/l	93
7) Trichlorofluoromethane	3.256	101	100408	49.456	ug/l	99
8) Diethyl Ether	3.703	74	35693	52.568	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.079	101	62345	46.312	ug/l	89
10) Methyl Iodide	4.285	142	42199	44.125	ug/l	99
11) Tert butyl alcohol	5.220	59	74827m	219.083	ug/l	
12) 1,1-Dichloroethene	4.056	96	51240	44.407	ug/l	90
13) Acrolein	3.921	56	3876	121.695	ug/l #	79
14) Allyl chloride	4.703	41	98772	49.638	ug/l	96
15) Acrylonitrile	5.415	53	110953	300.080	ug/l	99
16) Acetone	4.150	43	81154	281.277	ug/l	99
17) Carbon Disulfide	4.397	76	78560	42.956	ug/l #	95
18) Methyl Acetate	4.709	43	47939	55.692	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	212966	56.786	ug/l	99
20) Methylene Chloride	4.956	84	78974	53.091	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	61610	47.146	ug/l	99
22) Diisopropyl ether	6.362	45	280135	55.908	ug/l	96
23) Vinyl Acetate	6.297	43	794175	313.322	ug/l	96
24) 1,1-Dichloroethane	6.250	63	145094	51.806	ug/l	97
25) 2-Butanone	7.203	43	139625	294.681	ug/l	94
26) 2,2-Dichloropropane	7.197	77	121076	46.783	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	90479	51.339	ug/l	94
28) Bromochloromethane	7.538	49	60285	55.984	ug/l #	79
29) Tetrahydrofuran	7.556	42	91254	304.691	ug/l	92
30) Chloroform	7.697	83	164142	55.281	ug/l	97
31) Cyclohexane	7.979	56	89289	46.786	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	133228	51.163	ug/l	98
36) 1,1-Dichloropropene	8.103	75	93333	44.223	ug/l	97
37) Ethyl Acetate	7.285	43	65343	58.731	ug/l #	97
38) Carbon Tetrachloride	8.085	117	105651	46.624	ug/l	99
39) Methylcyclohexane	9.344	83	98494	40.977	ug/l	95
40) Benzene	8.344	78	295587	47.416	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	37801	52.411	ug/l	96
42) 1,2-Dichloroethane	8.414	62	102203	54.396	ug/l	99
43) Isopropyl Acetate	8.444	43	129955	54.784	ug/l	94
44) Trichloroethene	9.103	130	75552	45.620	ug/l	100
45) 1,2-Dichloropropane	9.379	63	89699	50.563	ug/l	99
46) Dibromomethane	9.467	93	49790	53.483	ug/l #	85
47) Bromodichloromethane	9.650	83	135148	53.660	ug/l #	93
48) Methyl methacrylate	9.450	41	55869	52.499	ug/l #	93
49) 1,4-Dioxane	9.450	88	14592	1166.208	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	346722	287.148	ug/l	96
52) Toluene	10.397	92	200376	48.189	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	124853	50.455	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	135358	48.321	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	74734	53.696	ug/l	96
56) Ethyl methacrylate	10.650	69	101867	55.194	ug/l	96
57) 1,3-Dichloropropane	10.938	76	125328	53.500	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	181719	242.896	ug/l	93
59) 2-Hexanone	10.973	43	238143	289.432	ug/l	94
60) Dibromochloromethane	11.132	129	90539	53.575	ug/l	95
61) 1,2-Dibromoethane	11.238	107	66381	51.627	ug/l	95
64) Tetrachloroethene	10.867	164	55747	41.842	ug/l	88
65) Chlorobenzene	11.661	112	233874	48.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	89719	49.472	ug/l	94
67) Ethyl Benzene	11.738	91	413266	46.777	ug/l	97
68) m/p-Xylenes	11.844	106	313226	93.195	ug/l	99
69) o-Xylene	12.167	106	155851	47.370	ug/l	98
70) Styrene	12.185	104	275488	48.894	ug/l	99
71) Bromoform	12.350	173	50306	53.185	ug/l #	97
73) Isopropylbenzene	12.467	105	417704	46.710	ug/l	99
74) N-amyl acetate	12.273	43	132429	54.541	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	94943	53.264	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	64383m	57.075	ug/l	
77) Bromobenzene	12.749	156	91095	49.721	ug/l	83
78) n-propylbenzene	12.808	91	518444	46.320	ug/l	97
79) 2-Chlorotoluene	12.897	91	300213	48.059	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	354386	47.647	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	28677	49.042	ug/l	94
82) 4-Chlorotoluene	12.991	91	313513	48.404	ug/l	99
83) tert-Butylbenzene	13.208	119	309524	47.029	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	348592	47.428	ug/l	99
85) sec-Butylbenzene	13.385	105	469535	46.113	ug/l	98
86) p-Isopropyltoluene	13.502	119	378623	46.403	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	186902	48.950	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	187807	49.350	ug/l	97
89) n-Butylbenzene	13.826	91	375417	45.588	ug/l	98
90) Hexachloroethane	14.096	117	77070	47.780	ug/l	86
91) 1,2-Dichlorobenzene	13.873	146	173279	51.306	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15578	53.056	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	96838	48.074	ug/l	98
94) Hexachlorobutadiene	15.243	225	44450	44.459	ug/l	97
95) Naphthalene	15.379	128	235672	52.776	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	89680	51.189	ug/l	95

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

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