

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073759.D
 Acq On : 01 Jul 2022 08:58
 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

07/05/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 05 05:00:21 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	196139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	365106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	328624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	147478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	87949	45.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.920%
35) Dibromofluoromethane	7.903	113	94249	47.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.332	98	314221	43.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.380%
62) 4-Bromofluorobenzene	12.620	95	127166	44.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	56353	46.576	ug/l	97
3) Chloromethane	2.209	50	63796	46.994	ug/l	94
4) Vinyl Chloride	2.344	62	76595	49.924	ug/l	88
5) Bromomethane	2.762	94	53373	59.240	ug/l	94
6) Chloroethane	2.915	64	56196	50.397	ug/l	97
7) Trichlorofluoromethane	3.267	101	140250	50.067	ug/l	94
8) Diethyl Ether	3.703	74	49165	52.479	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	92930	50.031	ug/l	92
10) Methyl Iodide	4.297	142	72062	54.611	ug/l	94
11) Tert butyl alcohol	5.203	59	71493	151.707	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	77633	48.762	ug/l	97
13) Acrolein	3.914	56	6429	146.293	ug/l	97
14) Allyl chloride	4.709	41	143229	52.168	ug/l	97
15) Acrylonitrile	5.414	53	140342	275.092	ug/l	99
16) Acetone	4.150	43	111352	279.714	ug/l	99
17) Carbon Disulfide	4.403	76	120227	47.645	ug/l	99
18) Methyl Acetate	4.714	43	62865	52.685	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	281148	54.333	ug/l	99
20) Methylene Chloride	4.956	84	105901	51.442	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	88441	49.050	ug/l	98
22) Diisopropyl ether	6.356	45	377380	54.585	ug/l	97
23) Vinyl Acetate	6.297	43	1063172	303.998	ug/l	97
24) 1,1-Dichloroethane	6.250	63	203061	52.547	ug/l	100
25) 2-Butanone	7.203	43	179916	275.201	ug/l	96
26) 2,2-Dichloropropane	7.197	77	193489	54.185	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	127220	52.318	ug/l	96
28) Bromochloromethane	7.538	49	70613	47.526	ug/l #	80
29) Tetrahydrofuran	7.550	42	111075	268.791	ug/l	93
30) Chloroform	7.703	83	221056	53.958	ug/l	98
31) Cyclohexane	7.973	56	137059	52.388	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	189098	52.631	ug/l	98
36) 1,1-Dichloropropene	8.102	75	139352	50.602	ug/l	99
37) Ethyl Acetate	7.279	43	77463	53.358	ug/l	98
38) Carbon Tetrachloride	8.085	117	155822	52.699	ug/l	94
39) Methylcyclohexane	9.350	83	150213	47.893	ug/l	98
40) Benzene	8.338	78	418275	51.421	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	54380	57.783	ug/l	93
42) 1,2-Dichloroethane	8.414	62	132613	54.092	ug/l	100
43) Isopropyl Acetate	8.444	43	166192	53.692	ug/l	95
44) Trichloroethene	9.102	130	111676	51.678	ug/l	99
45) 1,2-Dichloropropane	9.379	63	120769	52.172	ug/l	98
46) Dibromomethane	9.467	93	65430	53.863	ug/l #	88
47) Bromodichloromethane	9.649	83	177189	53.916	ug/l #	94
48) Methyl methacrylate	9.449	41	70096	50.479	ug/l	89
49) 1,4-Dioxane	9.455	88	16705	1023.172	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	435719	276.549	ug/l	97
52) Toluene	10.397	92	281261	51.838	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	172888	53.545	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	195949	53.609	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	97872	53.892	ug/l	97
56) Ethyl methacrylate	10.649	69	129062	53.592	ug/l	97
57) 1,3-Dichloropropane	10.938	76	165037	53.992	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	201638	206.554	ug/l	93
59) 2-Hexanone	10.973	43	295619	275.348	ug/l	96
60) Dibromochloromethane	11.132	129	118160	53.585	ug/l	94
61) 1,2-Dibromoethane	11.238	107	89297	53.225	ug/l	99
64) Tetrachloroethene	10.867	164	81140	48.302	ug/l	93
65) Chlorobenzene	11.661	112	320165	52.792	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	124376	54.393	ug/l	97
67) Ethyl Benzene	11.732	91	590463	53.006	ug/l	98
68) m/p-Xylenes	11.843	106	441107	104.091	ug/l	100
69) o-Xylene	12.167	106	218063	52.567	ug/l	99
70) Styrene	12.185	104	377064	53.076	ug/l	99
71) Bromoform	12.349	173	66110	55.433	ug/l #	99
73) Isopropylbenzene	12.467	105	590069	52.813	ug/l	99
74) N-amyl acetate	12.279	43	163254	53.814	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	120085	53.920	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	68088m	48.310	ug/l	
77) Bromobenzene	12.749	156	123653	54.018	ug/l	88
78) n-propylbenzene	12.808	91	728006	52.059	ug/l	97
79) 2-Chlorotoluene	12.896	91	413204	52.942	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	486173	52.317	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	42419	58.062	ug/l	89
82) 4-Chlorotoluene	12.990	91	426928	52.755	ug/l	99
83) tert-Butylbenzene	13.208	119	444007	53.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	472988	51.506	ug/l	99
85) sec-Butylbenzene	13.385	105	661099	51.965	ug/l	97
86) p-Isopropyltoluene	13.502	119	527751	51.768	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	250790	52.570	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	250113	52.602	ug/l	96
89) n-Butylbenzene	13.826	91	526488	51.170	ug/l	98
90) Hexachloroethane	14.096	117	106141	52.666	ug/l	86
91) 1,2-Dichlorobenzene	13.873	146	224091	53.105	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	19787	53.938	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	132041	52.464	ug/l	97
94) Hexachlorobutadiene	15.249	225	61172	48.970	ug/l	99
95) Naphthalene	15.379	128	301767	54.087	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	115780	52.894	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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