

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073052.D
 Acq On : 17 May 2022 10:19
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/18/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: May 18 04:29:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	283985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	490230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17805	5.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.020%#
35) Dibromofluoromethane	7.908	113	16891	4.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.760%#
50) Toluene-d8	10.332	98	57063	4.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.080%#
62) 4-Bromofluorobenzene	12.626	95	20422	4.491	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.980%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	19301	5.435	ug/l	98
3) Chloromethane	2.209	50	18017	4.921	ug/l	99
4) Vinyl Chloride	2.350	62	15892	4.720	ug/l	95
5) Bromomethane	2.768	94	13169	5.507	ug/l	97
6) Chloroethane	2.921	64	10363	4.943	ug/l	97
7) Trichlorofluoromethane	3.268	101	31079	5.044	ug/l	96
8) Diethyl Ether	3.703	74	6678	3.961	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	18755	5.140	ug/l	96
10) Methyl Iodide	4.297	142	13624	3.697	ug/l	99
11) Tert butyl alcohol	5.185	59	22780	41.469	ug/l #	77
12) 1,1-Dichloroethene	4.067	96	15242	4.620	ug/l	91
13) Acrolein	3.920	56	3016	10.136	ug/l	99
14) Allyl chloride	4.709	41	22167	4.241	ug/l	95
15) Acrylonitrile	5.420	53	17847	22.087	ug/l	97
16) Acetone	4.150	43	15859	24.676	ug/l	90
17) Carbon Disulfide	4.409	76	52382	4.740	ug/l	96
18) Methyl Acetate	4.715	43	14208	7.003	ug/l #	90
19) Methyl tert-butyl Ether	5.467	73	31266	4.052	ug/l	93
20) Methylene Chloride	4.956	84	27403	5.875	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	17843	4.546	ug/l #	72
22) Diisopropyl ether	6.362	45	44479	3.964	ug/l #	93
23) Vinyl Acetate	6.297	43	101489	16.744	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	32469	4.652	ug/l	96
25) 2-Butanone	7.209	43	21836	22.438	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	28206	4.773	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	19130	4.420	ug/l	96
28) Bromochloromethane	7.538	49	12146	5.080	ug/l #	83
29) Tetrahydrofuran	7.561	42	11876	18.965	ug/l #	90
30) Chloroform	7.708	83	36093	4.833	ug/l	90
31) Cyclohexane	7.979	56	30881	4.827	ug/l #	62
32) 1,1,1-Trichloroethane	7.897	97	30566	4.777	ug/l	97
36) 1,1-Dichloropropene	8.103	75	25462	4.515	ug/l	99
37) Ethyl Acetate	7.285	43	9528	4.023	ug/l #	91
38) Carbon Tetrachloride	8.091	117	25284	4.382	ug/l	96
39) Methylcyclohexane	9.350	83	26092	3.968	ug/l	95
40) Benzene	8.344	78	70987	4.402	ug/l	95

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 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	6243	4.675	ug/l	95
42) 1,2-Dichloroethane	8.426	62	21915	4.669	ug/l	93
43) Isopropyl Acetate	8.444	43	17669	4.013	ug/l #	92
44) Trichloroethene	9.103	130	20400	4.677	ug/l	96
45) 1,2-Dichloropropane	9.379	63	19252	4.597	ug/l	97
46) Dibromomethane	9.467	93	10412	4.497	ug/l	96
47) Bromodichloromethane	9.655	83	28607	4.864	ug/l	93
48) Methyl methacrylate	9.444	41	7524	3.445	ug/l #	74
49) 1,4-Dioxane	9.461	88	1903	78.939	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	45285	19.707	ug/l	96
52) Toluene	10.397	92	43935	4.292	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	22322	4.162	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	26065	4.122	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	15068	4.768	ug/l #	82
56) Ethyl methacrylate	10.655	69	13062	3.654	ug/l	91
57) 1,3-Dichloropropane	10.938	76	24026	4.468	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	29698	18.304	ug/l	96
59) 2-Hexanone	10.973	43	28924	19.054	ug/l	97
60) Dibromochloromethane	11.132	129	18225	4.641	ug/l	95
61) 1,2-Dibromoethane	11.232	107	14220	4.676	ug/l	91
64) Tetrachloroethene	10.867	164	16295	4.537	ug/l	93
65) Chlorobenzene	11.661	112	49110	4.418	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	20299	4.781	ug/l	96
67) Ethyl Benzene	11.732	91	78107	4.036	ug/l	95
68) m/p-Xylenes	11.849	106	58105	7.746	ug/l	98
69) o-Xylene	12.167	106	25662	3.710	ug/l	99
70) Styrene	12.185	104	45529	3.768	ug/l	94
71) Bromoform	12.349	173	9892	4.425	ug/l #	97
73) Isopropylbenzene	12.467	105	67300	3.767	ug/l	99
74) N-amyl acetate	12.273	43	16055	3.846	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	15792	4.484	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	12842m	4.763	ug/l	
77) Bromobenzene	12.749	156	18449	4.328	ug/l	94
78) n-propylbenzene	12.808	91	85580	3.815	ug/l	98
79) 2-Chlorotoluene	12.891	91	53920	4.126	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	56629	3.721	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	4664	4.198	ug/l	88
82) 4-Chlorotoluene	12.991	91	57278	4.141	ug/l	100
83) tert-Butylbenzene	13.208	119	47612	3.693	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	57117	3.772	ug/l	96
85) sec-Butylbenzene	13.385	105	74910	3.828	ug/l	98
86) p-Isopropyltoluene	13.502	119	58508	3.676	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	38830	4.432	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	39535	4.567	ug/l	93
89) n-Butylbenzene	13.826	91	59318	3.832	ug/l	98
90) Hexachloroethane	14.096	117	14778	4.468	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	33968	4.470	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.485	75	2230	4.074	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	17632	4.067	ug/l	99
94) Hexachlorobutadiene	15.243	225	10689	4.417	ug/l	99
95) Naphthalene	15.385	128	26258	3.343	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	15578	4.047	ug/l	99

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ClientSampleId :
VSTDICC005

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

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

