

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073848.D
 Acq On : 18 Jul 2022 14:36
 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 :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 01:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:16:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	135604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	236640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	218547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7940	4.545	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.080%#		
35) Dibromofluoromethane	7.897	113	8693	5.248	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.500%#		
50) Toluene-d8	10.332	98	29637	4.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.620	95	10281	4.688	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	8825	4.984	ug/l	94
3) Chloromethane	2.209	50	13605	6.792	ug/l	96
4) Vinyl Chloride	2.344	62	16549	8.407	ug/l	94
5) Bromomethane	2.767	94	12229	9.311	ug/l	95
6) Chloroethane	2.915	64	12003	9.501	ug/l	98
7) Trichlorofluoromethane	3.262	101	14737	4.887	ug/l	98
8) Diethyl Ether	3.703	74	3598	4.236	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.079	101	8738	4.921	ug/l #	73
10) Methyl Iodide	4.297	142	6495	3.622	ug/l #	91
11) Tert butyl alcohol	5.179	59	6007m	41.241	ug/l	
12) 1,1-Dichloroethene	4.062	96	6886	4.307	ug/l	88
13) Acrolein	3.926	56	2008	17.128	ug/l	99
14) Allyl chloride	4.697	41	10469	4.132	ug/l #	86
15) Acrylonitrile	5.414	53	6667	16.821	ug/l	98
16) Acetone	4.150	43	7244	20.288	ug/l	94
17) Carbon Disulfide	4.403	76	22343	4.449	ug/l	100
18) Methyl Acetate	4.714	43	4520	4.558	ug/l #	87
19) Methyl tert-butyl Ether	5.479	73	15521	4.069	ug/l	100
20) Methylene Chloride	4.950	84	22415	8.324	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	8256	4.508	ug/l	99
22) Diisopropyl ether	6.356	45	21193	3.836	ug/l	97
23) Vinyl Acetate	6.291	43	49008	15.999	ug/l	96
24) 1,1-Dichloroethane	6.256	63	15110	4.465	ug/l	92
25) 2-Butanone	7.208	43	10249	20.905	ug/l #	89
26) 2,2-Dichloropropane	7.191	77	13691	4.773	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	9617	4.590	ug/l	94
28) Bromochloromethane	7.532	49	5473	4.335	ug/l	92
29) Tetrahydrofuran	7.561	42	5398	17.353	ug/l #	75
30) Chloroform	7.697	83	16701	4.629	ug/l	96
31) Cyclohexane	7.973	56	15579	5.245	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	15423	4.957	ug/l	96
36) 1,1-Dichloropropene	8.102	75	12620	4.791	ug/l	96
37) Ethyl Acetate	7.285	43	4050	3.498	ug/l #	76
38) Carbon Tetrachloride	8.085	117	14757	5.330	ug/l	88
39) Methylcyclohexane	9.349	83	14282	4.661	ug/l	92
40) Benzene	8.344	78	33198	4.382	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	2920	4.234	ug/l	91
42) 1,2-Dichloroethane	8.408	62	9711	4.241	ug/l	99
43) Isopropyl Acetate	8.444	43	8055	3.686	ug/l #	61
44) Trichloroethene	9.097	130	9409	4.633	ug/l	86
45) 1,2-Dichloropropane	9.379	63	8063	4.112	ug/l	99
46) Dibromomethane	9.461	93	4706	4.268	ug/l	98
47) Bromodichloromethane	9.644	83	12744	4.515	ug/l	92
48) Methyl methacrylate	9.444	41	4190	3.943	ug/l #	89
49) 1,4-Dioxane	9.467	88	1015	82.804	ug/l #	48
51) 4-Methyl-2-Pentanone	10.220	43	20669	18.308	ug/l	95
52) Toluene	10.391	92	21765	4.577	ug/l	88
53) t-1,3-Dichloropropene	10.608	75	10338	3.998	ug/l	90
54) cis-1,3-Dichloropropene	10.079	75	12081	4.014	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	6178	4.203	ug/l	87
56) Ethyl methacrylate	10.649	69	6044	3.523	ug/l	95
57) 1,3-Dichloropropane	10.932	76	10465	4.143	ug/l	96
59) 2-Hexanone	10.973	43	13502	17.843	ug/l	99
60) Dibromochloromethane	11.126	129	7952	4.225	ug/l	95
61) 1,2-Dibromoethane	11.238	107	5923	4.115	ug/l	100
64) Tetrachloroethene	10.867	164	7679	4.854	ug/l #	88
65) Chlorobenzene	11.655	112	21873	4.405	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.726	131	8352	4.483	ug/l	98
67) Ethyl Benzene	11.732	91	39544	4.579	ug/l	96
68) m/p-Xylenes	11.843	106	29342	8.771	ug/l	99
69) o-Xylene	12.167	106	13552	4.347	ug/l	95
70) Styrene	12.185	104	23771	4.419	ug/l	98
71) Bromoform	12.343	173	4627	4.557	ug/l #	90
73) Isopropylbenzene	12.467	105	38116	4.918	ug/l	99
74) N-amyl acetate	12.279	43	7062	3.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	6509	4.210	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	6282m	5.827	ug/l	
77) Bromobenzene	12.743	156	8602	4.705	ug/l	91
78) n-propylbenzene	12.808	91	45825	4.711	ug/l	98
79) 2-Chlorotoluene	12.890	91	26295	4.645	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	31107	4.734	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	1843	3.899	ug/l	93
82) 4-Chlorotoluene	12.990	91	27068	4.560	ug/l	96
83) tert-Butylbenzene	13.208	119	25896	4.632	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	29717	4.520	ug/l	98
85) sec-Butylbenzene	13.385	105	39703	4.704	ug/l	99
86) p-Isopropyltoluene	13.502	119	32094	4.601	ug/l	96
87) 1,3-Dichlorobenzene	13.496	146	17403	4.667	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	17703	4.781	ug/l	89
89) n-Butylbenzene	13.826	91	31986	4.773	ug/l	96
90) Hexachloroethane	14.090	117	7100	4.975	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	15765	4.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1017	4.107	ug/l	91
93) 1,2,4-Trichlorobenzene	15.137	180	9656	5.037	ug/l	91
94) Hexachlorobutadiene	15.249	225	4923	4.714	ug/l	96
95) Naphthalene	15.379	128	14838	4.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	7572	4.471	ug/l	96

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

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

