

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073717.D
 Acq On : 25 Jun 2022 18:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 09:41:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	178968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	321458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	335204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	181278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	132840	60.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.860%			
35) Dibromofluoromethane	7.902	113	135887	54.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.332	98	447525	49.773	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.620	95	193512	57.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30942	16.875	ug/l	98
3) Chloromethane	2.208	50	37392	24.223	ug/l	96
4) Vinyl Chloride	2.344	62	30462	18.896	ug/l	97
5) Bromomethane	2.744	94	26682	22.748	ug/l	96
6) Chloroethane	2.908	64	22819	21.016	ug/l	98
7) Trichlorofluoromethane	3.261	101	65231	17.299	ug/l	95
8) Diethyl Ether	3.702	74	26513	27.419	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	42711	19.748	ug/l	97
10) Methyl Iodide	4.291	142	34742	16.876	ug/l	94
11) Tert butyl alcohol	5.179	59	51384	184.884	ug/l #	100
12) 1,1-Dichloroethene	4.055	96	37518	20.400	ug/l	94
13) Acrolein	3.920	56	4379	117.893	ug/l	98
14) Allyl chloride	4.697	41	63266	23.333	ug/l	95
15) Acrylonitrile	5.414	53	69098	149.298	ug/l	99
16) Acetone	4.155	43	55136	152.976	ug/l	95
17) Carbon Disulfide	4.397	76	82942	17.874	ug/l	96
18) Methyl Acetate	4.714	43	37880	36.716	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	129896	27.122	ug/l	98
20) Methylene Chloride	4.949	84	68006	27.448	ug/l	88
21) trans-1,2-Dichloroethene	5.461	96	49093	22.438	ug/l	94
22) Diisopropyl ether	6.355	45	177752	29.199	ug/l	96
23) Vinyl Acetate	6.296	43	454698	142.471	ug/l	96
24) 1,1-Dichloroethane	6.255	63	99420	24.521	ug/l	97
25) 2-Butanone	7.208	43	83745	151.180	ug/l	93
26) 2,2-Dichloropropane	7.196	77	74016	19.380	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	63784	24.789	ug/l	99
28) Bromochloromethane	7.532	49	38807	27.121	ug/l	96
29) Tetrahydrofuran	7.555	42	53009	157.411	ug/l	96
30) Chloroform	7.702	83	109743	24.048	ug/l	98
31) Cyclohexane	7.979	56	59911	18.168	ug/l #	92
32) 1,1,1-Trichloroethane	7.896	97	86668	21.144	ug/l	99
36) 1,1-Dichloropropene	8.102	75	64944	18.475	ug/l	99
37) Ethyl Acetate	7.285	43	40138	29.092	ug/l	96
38) Carbon Tetrachloride	8.090	117	70273	17.169	ug/l	95
39) Methylcyclohexane	9.343	83	63447	16.256	ug/l	95
40) Benzene	8.343	78	221160	21.733	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22409	26.905	ug/l	95
42) 1,2-Dichloroethane	8.414	62	71437	23.300	ug/l	97
43) Isopropyl Acetate	8.443	43	74749	27.610	ug/l	98
44) Trichloroethene	9.102	130	59196	20.253	ug/l	95
45) 1,2-Dichloropropane	9.379	63	61663	24.170	ug/l	100
46) Dibromomethane	9.467	93	35642	24.066	ug/l	97
47) Bromodichloromethane	9.655	83	89327	23.013	ug/l	97
48) Methyl methacrylate	9.449	41	35452	25.803	ug/l	96
49) 1,4-Dioxane	9.449	88	8631	521.940	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	201984	145.185	ug/l	98
52) Toluene	10.396	92	142327	21.346	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	84856	24.030	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	97842	24.339	ug/l	99
55) 1,1,2-Trichloroethane	10.790	97	55014	26.351	ug/l	97
56) Ethyl methacrylate	10.649	69	65309	27.755	ug/l	95
57) 1,3-Dichloropropane	10.937	76	87826	25.514	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	118415	129.679	ug/l	96
59) 2-Hexanone	10.973	43	140418	149.503	ug/l	95
60) Dibromochloromethane	11.126	129	66944	24.331	ug/l	95
61) 1,2-Dibromoethane	11.237	107	51109	25.862	ug/l	95
64) Tetrachloroethene	10.867	164	48972	18.451	ug/l	94
65) Chlorobenzene	11.661	112	173141	21.104	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	69812	21.178	ug/l	97
67) Ethyl Benzene	11.731	91	274810	19.194	ug/l	93
68) m/p-Xylenes	11.843	106	216770	39.179	ug/l	99
69) o-Xylene	12.167	106	108074	21.060	ug/l	99
70) Styrene	12.184	104	192640	21.451	ug/l	99
71) Bromoform	12.349	173	39871	22.220	ug/l #	98
73) Isopropylbenzene	12.467	105	271296	18.328	ug/l	100
74) N-amyl acetate	12.273	43	69053	22.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	67343	24.114	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	45688m	25.899	ug/l	
77) Bromobenzene	12.749	156	72386	20.335	ug/l	93
78) n-propylbenzene	12.808	91	336115	18.577	ug/l	99
79) 2-Chlorotoluene	12.896	91	204215	19.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	242500	19.109	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18945	21.925	ug/l	98
82) 4-Chlorotoluene	12.990	91	220309	19.664	ug/l	100
83) tert-Butylbenzene	13.208	119	199337	17.870	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	244581	19.621	ug/l	99
85) sec-Butylbenzene	13.384	105	297295	18.121	ug/l	99
86) p-Isopropyltoluene	13.502	119	246073	18.016	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	147597	19.911	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	145286	19.803	ug/l	99
89) n-Butylbenzene	13.825	91	226801	17.733	ug/l	99
90) Hexachloroethane	14.096	117	52690	18.715	ug/l	100
91) 1,2-Dichlorobenzene	13.872	146	135759	21.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10778	23.118	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	79336	20.829	ug/l	96
94) Hexachlorobutadiene	15.249	225	37002	17.132	ug/l	100
95) Naphthalene	15.378	128	151880	22.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.572	180	69231	20.806	ug/l	98

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

