

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073681.D
 Acq On : 24 Jun 2022 10:53
 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 :Mahesh
 Dadoda

06/28/2022
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 25 07:18:13 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	220253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	348626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	338013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	175268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	128448	47.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.960%
35) Dibromofluoromethane	7.908	113	133698	49.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.332	98	468134	48.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.620	95	181968	49.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	92193	47.510	ug/l	91
3) Chloromethane	2.209	50	85191	47.065	ug/l	96
4) Vinyl Chloride	2.344	62	92855	46.803	ug/l	93
5) Bromomethane	2.762	94	64713	49.151	ug/l	95
6) Chloroethane	2.914	64	61659	46.142	ug/l	97
7) Trichlorofluoromethane	3.267	101	209112	45.062	ug/l	90
8) Diethyl Ether	3.709	74	58936	49.526	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	122124	45.882	ug/l	98
10) Methyl Iodide	4.297	142	128356	50.663	ug/l	96
11) Tert butyl alcohol	5.214	59	70379	229.309	ug/l #	100
12) 1,1-Dichloroethene	4.061	96	107051	47.298	ug/l	90
13) Acrolein	3.920	56	11963	261.702	ug/l	99
14) Allyl chloride	4.708	41	164812	49.390	ug/l	100
15) Acrylonitrile	5.414	53	138297	242.804	ug/l	99
16) Acetone	4.156	43	129007	297.824	ug/l	100
17) Carbon Disulfide	4.403	76	265566	46.501	ug/l	98
18) Methyl Acetate	4.708	43	59215	47.188	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	296071	50.232	ug/l	97
20) Methylene Chloride	4.961	84	141752	51.092	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	131439	48.814	ug/l	97
22) Diisopropyl ether	6.355	45	393630	52.541	ug/l	99
23) Vinyl Acetate	6.297	43	1071744	272.865	ug/l	100
24) 1,1-Dichloroethane	6.255	63	244724	49.045	ug/l	98
25) 2-Butanone	7.202	43	171016	250.856	ug/l	98
26) 2,2-Dichloropropane	7.202	77	231295	49.210	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	158427	50.030	ug/l	99
28) Bromochloromethane	7.544	49	90315	51.288	ug/l	99
29) Tetrahydrofuran	7.555	42	104201	251.426	ug/l	99
30) Chloroform	7.702	83	278336	49.559	ug/l	97
31) Cyclohexane	7.979	56	180387	44.449	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	245503	48.667	ug/l	99
36) 1,1-Dichloropropene	8.102	75	184459	48.384	ug/l	99
37) Ethyl Acetate	7.285	43	78644	52.559	ug/l #	94
38) Carbon Tetrachloride	8.091	117	219230	49.389	ug/l	99
39) Methylcyclohexane	9.349	83	200750	47.427	ug/l	97
40) Benzene	8.344	78	549048	49.750	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	47113	52.157	ug/l	95
42) 1,2-Dichloroethane	8.414	62	164764	49.551	ug/l	99
43) Isopropyl Acetate	8.444	43	146143	49.775	ug/l	97
44) Trichloroethene	9.102	130	150365	47.436	ug/l	92
45) 1,2-Dichloropropane	9.379	63	138801	50.167	ug/l	100
46) Dibromomethane	9.467	93	78042	48.589	ug/l	98
47) Bromodichloromethane	9.655	83	210903	50.099	ug/l	97
48) Methyl methacrylate	9.449	41	67341	45.194	ug/l	90
49) 1,4-Dioxane	9.455	88	18606	1037.474	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	400726	265.593	ug/l	100
52) Toluene	10.396	92	362620	50.146	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	195568	51.066	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	224577	51.513	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	114714	50.665	ug/l	98
56) Ethyl methacrylate	10.655	69	131752	51.629	ug/l	96
57) 1,3-Dichloropropane	10.938	76	186561	49.973	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.932	63	254287	256.775	ug/l	97
59) 2-Hexanone	10.973	43	280379	275.257	ug/l	100
60) Dibromochloromethane	11.132	129	150239	50.350	ug/l	95
61) 1,2-Dibromoethane	11.238	107	106829	49.845	ug/l	97
64) Tetrachloroethene	10.867	164	124416	46.486	ug/l	97
65) Chlorobenzene	11.661	112	402598	48.665	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	162391	48.853	ug/l	99
67) Ethyl Benzene	11.738	91	711139	49.256	ug/l	96
68) m/p-Xylenes	11.843	106	560187	100.407	ug/l	100
69) o-Xylene	12.173	106	262396	50.706	ug/l	100
70) Styrene	12.185	104	455323	50.281	ug/l	99
71) Bromoform	12.349	173	86769	47.954	ug/l #	98
73) Isopropylbenzene	12.467	105	716009	50.029	ug/l	99
74) N-amyl acetate	12.279	43	147004	50.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	129820	48.080	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	92334m	54.135	ug/l	
77) Bromobenzene	12.749	156	168034	48.824	ug/l	99
78) n-propylbenzene	12.808	91	873247	49.920	ug/l	99
79) 2-Chlorotoluene	12.896	91	503711	49.433	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	612276	49.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	42272	50.598	ug/l	97
82) 4-Chlorotoluene	12.990	91	530602	48.983	ug/l	98
83) tert-Butylbenzene	13.208	119	537690	49.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	605255	50.220	ug/l	99
85) sec-Butylbenzene	13.384	105	786253	49.567	ug/l	99
86) p-Isopropyltoluene	13.502	119	659234	49.921	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	341923	47.707	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	343570	48.436	ug/l	100
89) n-Butylbenzene	13.826	91	610624	49.382	ug/l	99
90) Hexachloroethane	14.096	117	131235	48.211	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	303410	49.202	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20582	45.661	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	184698	50.153	ug/l	99
94) Hexachlorobutadiene	15.249	225	96828	46.370	ug/l	98
95) Naphthalene	15.379	128	336142	51.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	163076	50.689	ug/l	96

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

