

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072732.D
 Acq On : 29 Apr 2022 09:30
 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 :John
 Carlone

Quant Time: Apr 30 01:48:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

05/02/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	351790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	593266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245682	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	231713	49.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.220%
35) Dibromofluoromethane	7.909	113	203705	51.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.332	98	751261	52.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.620	95	267481	49.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	245021	51.108	ug/l	98
3) Chloromethane	2.209	50	269517	49.780	ug/l	99
4) Vinyl Chloride	2.350	62	262196	53.708	ug/l	98
5) Bromomethane	2.768	94	167811	53.215	ug/l	98
6) Chloroethane	2.921	64	159081	53.708	ug/l	98
7) Trichlorofluoromethane	3.273	101	418197	53.556	ug/l	95
8) Diethyl Ether	3.709	74	111878	48.349	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	241827	54.320	ug/l	99
10) Methyl Iodide	4.297	142	257691	49.219	ug/l	100
11) Tert butyl alcohol	5.215	59	81362	264.115	ug/l	97
12) 1,1-Dichloroethene	4.068	96	223141	53.555	ug/l	96
13) Acrolein	3.926	56	77152	195.064	ug/l	97
14) Allyl chloride	4.709	41	372247	52.767	ug/l	95
15) Acrylonitrile	5.415	53	260097	241.162	ug/l	98
16) Acetone	4.156	43	250269	273.420	ug/l	99
17) Carbon Disulfide	4.409	76	736216	52.604	ug/l	98
18) Methyl Acetate	4.715	43	127088	48.185	ug/l	94
19) Methyl tert-butyl Ether	5.467	73	524859	50.258	ug/l	99
20) Methylene Chloride	4.962	84	249605	35.380	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	252602	51.348	ug/l	94
22) Diisopropyl ether	6.356	45	783020	51.435	ug/l	96
23) Vinyl Acetate	6.297	43	2222587	258.552	ug/l	97
24) 1,1-Dichloroethane	6.256	63	457788	50.998	ug/l	98
25) 2-Butanone	7.203	43	343788	251.689	ug/l	95
26) 2,2-Dichloropropane	7.203	77	399439	53.941	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	277002	50.815	ug/l	97
28) Bromochloromethane	7.538	49	181452	51.903	ug/l	90
29) Tetrahydrofuran	7.556	42	212702	247.457	ug/l	96
30) Chloroform	7.703	83	475356	51.240	ug/l	97
31) Cyclohexane	7.979	56	427955	52.777	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	425079	54.074	ug/l	97
36) 1,1-Dichloropropene	8.108	75	364885	55.123	ug/l	99
37) Ethyl Acetate	7.285	43	156477	51.905	ug/l	97
38) Carbon Tetrachloride	8.091	117	367487	54.930	ug/l	97
39) Methylcyclohexane	9.350	83	435467	56.811	ug/l	98
40) Benzene	8.344	78	1000257	53.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	95879	55.435	ug/l	97
42) 1,2-Dichloroethane	8.414	62	304310	51.232	ug/l	99
43) Isopropyl Acetate	8.444	43	292642	51.084	ug/l	97
44) Trichloroethene	9.108	130	263112	52.770	ug/l	95
45) 1,2-Dichloropropane	9.379	63	254390	52.192	ug/l	97
46) Dibromomethane	9.467	93	140988	51.071	ug/l	97
47) Bromodichloromethane	9.655	83	365895	52.144	ug/l	98
48) Methyl methacrylate	9.450	41	154669	53.824	ug/l	97
49) 1,4-Dioxane	9.450	88	28689	941.593	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	752719	255.676	ug/l	97
52) Toluene	10.397	92	625740	53.147	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	338714	52.308	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	402052	53.232	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	181354	48.804	ug/l	98
56) Ethyl methacrylate	10.655	69	232215	53.331	ug/l	93
57) 1,3-Dichloropropane	10.938	76	322223	50.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	603930	263.113	ug/l	98
59) 2-Hexanone	10.973	43	533536	270.276	ug/l	98
60) Dibromochloromethane	11.132	129	231342	50.708	ug/l	100
61) 1,2-Dibromoethane	11.238	107	177849	50.439	ug/l	99
64) Tetrachloroethene	10.867	164	206514	54.808	ug/l	99
65) Chlorobenzene	11.661	112	646796	53.334	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	243474	53.559	ug/l	99
67) Ethyl Benzene	11.738	91	1203955	56.545	ug/l	100
68) m/p-Xylenes	11.844	106	913745	112.538	ug/l	98
69) o-Xylene	12.167	106	423366	55.175	ug/l	100
70) Styrene	12.185	104	732929	56.124	ug/l	99
71) Bromoform	12.349	173	124313	50.944	ug/l #	98
73) Isopropylbenzene	12.467	105	1125246	59.917	ug/l	99
74) N-amyl acetate	12.279	43	277916	57.282	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	203525	54.075	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	151984m	54.248	ug/l	
77) Bromobenzene	12.749	156	246517	55.128	ug/l	99
78) n-propylbenzene	12.808	91	1425580	60.736	ug/l	99
79) 2-Chlorotoluene	12.896	91	796397	57.982	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	956195	60.221	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	63441	53.172	ug/l	95
82) 4-Chlorotoluene	12.991	91	838505	57.995	ug/l	98
83) tert-Butylbenzene	13.214	119	804312	60.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	938599	59.199	ug/l	98
85) sec-Butylbenzene	13.391	105	1208513	60.235	ug/l	100
86) p-Isopropyltoluene	13.502	119	1007409	61.345	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	487574	55.420	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	474739	54.095	ug/l	98
89) n-Butylbenzene	13.832	91	990414	61.989	ug/l	100
90) Hexachloroethane	14.096	117	190350	57.799	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	415299	53.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	33574	54.339	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	251530	56.094	ug/l	99
94) Hexachlorobutadiene	15.249	225	138690	58.253	ug/l	98
95) Naphthalene	15.385	128	472622	55.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	216736	54.838	ug/l	98

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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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