

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072027.D
 Acq On : 21 Feb 2022 11:23
 Operator : VA/SY
 Sample : VD0221SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2022
 Supervised By :Mahesh Dadoda 02/23/2022

Quant Time: Feb 22 00:33:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	490268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	723279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	344615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	238023	46.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.600%		
35) Dibromofluoromethane	7.914	113	233530	48.243	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.480%		
50) Toluene-d8	10.338	98	932191	51.929	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.626	95	315943	47.913	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	92350	19.978	ug/l	100
3) Chloromethane	2.215	50	80714	19.458	ug/l	98
4) Vinyl Chloride	2.350	62	79095	18.954	ug/l	93
5) Bromomethane	2.762	94	54223	19.446	ug/l	100
6) Chloroethane	2.920	64	51305	19.451	ug/l	89
7) Trichlorofluoromethane	3.273	101	161050	19.948	ug/l	95
8) Diethyl Ether	3.709	74	43400	18.857	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	99059	19.638	ug/l	99
10) Methyl Iodide	4.303	142	81119	16.649	ug/l	98
11) Tert butyl alcohol	5.226	59	26255	90.483	ug/l #	87
12) 1,1-Dichloroethene	4.073	96	82414	18.395	ug/l	97
13) Acrolein	3.926	56	50140	87.630	ug/l	98
14) Allyl chloride	4.714	41	145774	18.566	ug/l	96
15) Acrylonitrile	5.420	53	113980	91.631	ug/l	100
16) Acetone	4.156	43	92543	84.201	ug/l	97
17) Carbon Disulfide	4.414	76	196514	16.211	ug/l	98
18) Methyl Acetate	4.720	43	58635	20.317	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	214447	19.676	ug/l	99
20) Methylene Chloride	4.961	84	101040	18.472	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	93079	18.490	ug/l	97
22) Diisopropyl ether	6.367	45	318209	19.408	ug/l	97
23) Vinyl Acetate	6.308	43	779697	89.050	ug/l	97
24) 1,1-Dichloroethane	6.267	63	187458	19.218	ug/l	98
25) 2-Butanone	7.208	43	135310	89.075	ug/l	98
26) 2,2-Dichloropropane	7.208	77	158658	20.327	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	112087	19.433	ug/l	100
28) Bromochloromethane	7.550	49	75375	18.127	ug/l	95
29) Tetrahydrofuran	7.561	42	85302	87.989	ug/l	98
30) Chloroform	7.708	83	193993	19.371	ug/l	99
31) Cyclohexane	7.985	56	162968	18.143	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	170335	19.764	ug/l	99
36) 1,1-Dichloropropene	8.108	75	139805	19.066	ug/l	99
37) Ethyl Acetate	7.291	43	59406	17.471	ug/l	96
38) Carbon Tetrachloride	8.097	117	149526	19.896	ug/l	97
39) Methylcyclohexane	9.355	83	154896	18.049	ug/l	97
40) Benzene	8.349	78	401662	19.413	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	38119	18.078	ug/l	96
42) 1,2-Dichloroethane	8.420	62	116374	18.750	ug/l	100
43) Isopropyl Acetate	8.449	43	114108	18.021	ug/l	99
44) Trichloroethene	9.108	130	106861	18.949	ug/l	97
45) 1,2-Dichloropropane	9.379	63	103098	18.680	ug/l	99
46) Dibromomethane	9.473	93	54063	18.561	ug/l	96
47) Bromodichloromethane	9.661	83	148432	19.756	ug/l	97
48) Methyl methacrylate	9.449	41	60076	18.782	ug/l	96
49) 1,4-Dioxane	9.455	88	13123	379.801	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	305716	91.103	ug/l	100
52) Toluene	10.396	92	261694	19.764	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	129899	18.904	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	154307	18.974	ug/l	100
55) 1,1,2-Trichloroethane	10.796	97	78868	19.241	ug/l	98
56) Ethyl methacrylate	10.655	69	94220	19.249	ug/l	97
57) 1,3-Dichloropropane	10.938	76	136850	19.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	205165	93.692	ug/l	99
59) 2-Hexanone	10.979	43	205052	89.586	ug/l	100
60) Dibromochloromethane	11.132	129	97406	19.030	ug/l	96
61) 1,2-Dibromoethane	11.243	107	71404	18.230	ug/l	99
64) Tetrachloroethene	10.873	164	90512	19.822	ug/l	98
65) Chlorobenzene	11.667	112	279863	19.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	105011	20.184	ug/l	98
67) Ethyl Benzene	11.738	91	498848	20.238	ug/l	99
68) m/p-Xylenes	11.849	106	385296	40.833	ug/l	99
69) o-Xylene	12.173	106	180436	20.328	ug/l	97
70) Styrene	12.185	104	308780	20.271	ug/l	99
71) Bromoform	12.349	173	57831	19.381	ug/l #	97
73) Isopropylbenzene	12.473	105	503608	21.284	ug/l	99
74) N-amyl acetate	12.279	43	108111	18.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	90320	19.307	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	60979m	18.681	ug/l	
77) Bromobenzene	12.749	156	113013	20.396	ug/l	96
78) n-propylbenzene	12.814	91	610021	20.975	ug/l	99
79) 2-Chlorotoluene	12.896	91	347143	20.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	423744	21.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24327	18.663	ug/l	99
82) 4-Chlorotoluene	12.996	91	366369	20.913	ug/l	100
83) tert-Butylbenzene	13.214	119	370570	21.830	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	421435	21.698	ug/l	99
85) sec-Butylbenzene	13.390	105	562712	21.761	ug/l	100
86) p-Isopropyltoluene	13.508	119	461408	21.694	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	232501	20.757	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	234176	20.807	ug/l	99
89) n-Butylbenzene	13.832	91	437338	21.624	ug/l	99
90) Hexachloroethane	14.102	117	89458	20.954	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	204103	20.779	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	14710	20.184	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	125391	20.783	ug/l	97
94) Hexachlorobutadiene	15.249	225	71366	21.511	ug/l	99
95) Naphthalene	15.384	128	222213	20.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	109941	21.126	ug/l	98

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

