

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071931.D
 Acq On : 11 Feb 2022 11:09
 Operator : VA/SY
 Sample : VD0211SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0211SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/12/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 11 23:55:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	347798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	543331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	237455	54.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.040%			
35) Dibromofluoromethane	7.914	113	213664	55.741	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.480%			
50) Toluene-d8	10.337	98	762986	53.298	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.626	95	271262	54.262	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	86855	21.059	ug/l	99
3) Chloromethane	2.214	50	87084	17.636	ug/l	97
4) Vinyl Chloride	2.356	62	96574	18.681	ug/l	99
5) Bromomethane	2.761	94	64725	18.976	ug/l	88
6) Chloroethane	2.920	64	61474	18.764	ug/l	99
7) Trichlorofluoromethane	3.273	101	143234	19.333	ug/l	97
8) Diethyl Ether	3.714	74	37340	19.101	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.102	101	85883	20.548	ug/l	99
10) Methyl Iodide	4.302	142	75599	17.643	ug/l	96
11) Tert butyl alcohol	5.220	59	23328	56.996	ug/l	95
12) 1,1-Dichloroethene	4.073	96	72908	19.081	ug/l	96
13) Acrolein	3.920	56	52265	133.858	ug/l	96
14) Allyl chloride	4.720	41	142423	19.554	ug/l	100
15) Acrylonitrile	5.420	53	107493	108.193	ug/l	98
16) Acetone	4.155	43	105908	88.010	ug/l	96
17) Carbon Disulfide	4.420	76	198371	14.889	ug/l	96
18) Methyl Acetate	4.708	43	58021	22.301	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	191414	20.940	ug/l	100
20) Methylene Chloride	4.967	84	88757	17.799	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	83569	18.787	ug/l	99
22) Diisopropyl ether	6.367	45	306452	21.467	ug/l	98
23) Vinyl Acetate	6.308	43	812205	103.137	ug/l	98
24) 1,1-Dichloroethane	6.261	63	175418	21.083	ug/l	97
25) 2-Butanone	7.208	43	141004	100.513	ug/l	94
26) 2,2-Dichloropropane	7.208	77	142765	20.734	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	96800	20.261	ug/l	99
28) Bromochloromethane	7.543	49	54265	17.291	ug/l	98
29) Tetrahydrofuran	7.555	42	89514	107.842	ug/l	97
30) Chloroform	7.708	83	175150	20.605	ug/l	97
31) Cyclohexane	7.985	56	146884	17.502	ug/l #	91
32) 1,1,1-Trichloroethane	7.902	97	152198	20.299	ug/l	98
36) 1,1-Dichloropropene	8.108	75	128624	19.551	ug/l	99
37) Ethyl Acetate	7.291	43	65465	21.402	ug/l	96
38) Carbon Tetrachloride	8.096	117	130594	20.072	ug/l	97
39) Methylcyclohexane	9.355	83	139040	18.239	ug/l	94
40) Benzene	8.349	78	358332	20.177	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	40402	23.348	ug/l	96
42) 1,2-Dichloroethane	8.420	62	116470	20.769	ug/l	100
43) Isopropyl Acetate	8.449	43	122512	22.285	ug/l	98
44) Trichloroethene	9.108	130	95318	20.787	ug/l	100
45) 1,2-Dichloropropane	9.385	63	96918	21.165	ug/l	91
46) Dibromomethane	9.473	93	51749	21.583	ug/l	97
47) Bromodichloromethane	9.661	83	136721	21.561	ug/l	98
48) Methyl methacrylate	9.455	41	53062	18.238	ug/l	90
49) 1,4-Dioxane	9.455	88	10564	386.013	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	315557	109.686	ug/l	99
52) Toluene	10.396	92	223501	20.239	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	121880	20.927	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	141306	20.699	ug/l	94
55) 1,1,2-Trichloroethane	10.790	97	69021	21.690	ug/l	95
56) Ethyl methacrylate	10.655	69	84266	21.388	ug/l	99
57) 1,3-Dichloropropane	10.937	76	122395	21.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	204150	110.072	ug/l	98
59) 2-Hexanone	10.979	43	217232	104.034	ug/l	96
60) Dibromochloromethane	11.132	129	88751	22.586	ug/l	97
61) 1,2-Dibromoethane	11.237	107	65463	21.352	ug/l	99
64) Tetrachloroethene	10.873	164	75206	19.568	ug/l	97
65) Chlorobenzene	11.667	112	238106	20.715	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	89556	21.416	ug/l	100
67) Ethyl Benzene	11.737	91	426052	20.144	ug/l	99
68) m/p-Xylenes	11.843	106	323383	40.197	ug/l	97
69) o-Xylene	12.173	106	151998	20.791	ug/l	99
70) Styrene	12.190	104	264862	21.018	ug/l	98
71) Bromoform	12.355	173	48813	21.863	ug/l #	99
73) Isopropylbenzene	12.473	105	407823	19.984	ug/l	99
74) N-amyl acetate	12.279	43	105177	20.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	83045	21.989	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	58227m	20.964	ug/l	
77) Bromobenzene	12.755	156	93185	20.527	ug/l	98
78) n-propylbenzene	12.814	91	523154	20.444	ug/l	100
79) 2-Chlorotoluene	12.902	91	293802	20.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	360028	21.269	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	23960	21.211	ug/l	96
82) 4-Chlorotoluene	12.996	91	303361	20.107	ug/l	99
83) tert-Butylbenzene	13.214	119	289105	20.608	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	351823	21.129	ug/l	99
85) sec-Butylbenzene	13.390	105	459064	20.914	ug/l	100
86) p-Isopropyltoluene	13.508	119	367247	20.589	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	189669	20.575	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	189887	20.640	ug/l	99
89) n-Butylbenzene	13.831	91	364643	20.836	ug/l	98
90) Hexachloroethane	14.102	117	75964	21.425	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	165894	21.029	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	13803	22.069	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	95200	20.658	ug/l	99
94) Hexachlorobutadiene	15.255	225	53175	21.162	ug/l	96
95) Naphthalene	15.384	128	173256	19.828	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	84202	21.317	ug/l	99

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

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