

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021622\
 Data File : VD071986.D
 Acq On : 16 Feb 2022 11:50
 Operator : VA/SY
 Sample : VD0216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/17/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 17 00:47:26 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	307659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	522722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	482311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	242019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197849	50.879	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.760%			
35) Dibromofluoromethane	7.914	113	174563	50.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.600%			
50) Toluene-d8	10.338	98	638580	49.763	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.626	95	221557	49.441	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67257	18.435	ug/l	99
3) Chloromethane	2.215	50	76190	17.443	ug/l	94
4) Vinyl Chloride	2.350	62	86322	18.877	ug/l	99
5) Bromomethane	2.762	94	60000	19.885	ug/l	93
6) Chloroethane	2.926	64	55849	19.271	ug/l	97
7) Trichlorofluoromethane	3.273	101	125909	19.212	ug/l	100
8) Diethyl Ether	3.709	74	30460	17.615	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	74161	20.058	ug/l	98
10) Methyl Iodide	4.297	142	61466	16.216	ug/l	98
11) Tert butyl alcohol	5.220	59	18472	45.794	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	61367	18.156	ug/l	97
13) Acrolein	3.921	56	34673	100.388	ug/l	96
14) Allyl chloride	4.720	41	122879	19.072	ug/l	98
15) Acrylonitrile	5.426	53	88753	100.986	ug/l	96
16) Acetone	4.162	43	80058	75.208	ug/l	97
17) Carbon Disulfide	4.415	76	163581	13.879	ug/l	97
18) Methyl Acetate	4.726	43	46076	20.020	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	155048	19.175	ug/l	100
20) Methylene Chloride	4.968	84	80603	18.380	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	67852	17.244	ug/l	96
22) Diisopropyl ether	6.362	45	264043	20.910	ug/l	98
23) Vinyl Acetate	6.309	43	662560	95.111	ug/l	99
24) 1,1-Dichloroethane	6.267	63	154292	20.963	ug/l	99
25) 2-Butanone	7.209	43	111508	89.857	ug/l	100
26) 2,2-Dichloropropane	7.209	77	125693	20.636	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	81785	19.352	ug/l	96
28) Bromochloromethane	7.544	49	48231	17.373	ug/l	98
29) Tetrahydrofuran	7.561	42	68536	93.341	ug/l	99
30) Chloroform	7.714	83	155965	20.741	ug/l	98
31) Cyclohexane	7.985	56	127116	17.123	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	134499	20.279	ug/l	96
36) 1,1-Dichloropropene	8.109	75	109844	18.626	ug/l	99
37) Ethyl Acetate	7.297	43	48182	17.573	ug/l	97
38) Carbon Tetrachloride	8.097	117	113938	19.536	ug/l	97
39) Methylcyclohexane	9.355	83	111895	16.375	ug/l	92
40) Benzene	8.350	78	304082	19.102	ug/l	96

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41) Methacrylonitrile	7.520	41	28596	18.435	ug/l	93
42) 1,2-Dichloroethane	8.426	62	101770	20.245	ug/l	100
43) Isopropyl Acetate	8.450	43	94975	19.273	ug/l	99
44) Trichloroethene	9.108	130	78377	19.068	ug/l	96
45) 1,2-Dichloropropane	9.385	63	87642	21.351	ug/l	97
46) Dibromomethane	9.473	93	41916	19.503	ug/l	98
47) Bromodichloromethane	9.655	83	120562	21.210	ug/l	94
48) Methyl methacrylate	9.450	41	47959	18.389	ug/l	95
49) 1,4-Dioxane	9.461	88	8469	345.229	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	248046	96.185	ug/l	98
52) Toluene	10.403	92	189799	19.173	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	99308	19.022	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	119957	19.602	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	56625	19.851	ug/l	97
56) Ethyl methacrylate	10.655	69	64813	18.352	ug/l	99
57) 1,3-Dichloropropane	10.938	76	103298	20.285	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	164220	98.777	ug/l	97
59) 2-Hexanone	10.979	43	165797	88.579	ug/l	95
60) Dibromochloromethane	11.138	129	72173	20.490	ug/l	100
61) 1,2-Dibromoethane	11.238	107	52697	19.175	ug/l	97
64) Tetrachloroethene	10.873	164	61034	17.890	ug/l	97
65) Chlorobenzene	11.661	112	204279	20.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	77011	20.746	ug/l	98
67) Ethyl Benzene	11.738	91	364465	19.412	ug/l	98
68) m/p-Xylenes	11.844	106	280325	39.254	ug/l	99
69) o-Xylene	12.173	106	125794	19.383	ug/l	99
70) Styrene	12.191	104	227140	20.305	ug/l	98
71) Bromoform	12.355	173	38514	19.432	ug/l #	95
73) Isopropylbenzene	12.473	105	347341	18.534	ug/l	100
74) N-amyl acetate	12.279	43	86288	18.723	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	66354	19.133	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	52968m	20.767	ug/l	
77) Bromobenzene	12.749	156	79542	19.080	ug/l	98
78) n-propylbenzene	12.814	91	451151	19.199	ug/l	100
79) 2-Chlorotoluene	12.897	91	255578	19.192	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	307916	19.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	17565	16.933	ug/l	97
82) 4-Chlorotoluene	12.996	91	266874	19.263	ug/l	99
83) tert-Butylbenzene	13.214	119	252911	19.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	301958	19.748	ug/l	99
85) sec-Butylbenzene	13.391	105	388877	19.292	ug/l	99
86) p-Isopropyltoluene	13.508	119	317673	19.394	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	161064	19.027	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	160951	19.051	ug/l	98
89) n-Butylbenzene	13.832	91	309699	19.271	ug/l	98
90) Hexachloroethane	14.102	117	66749	20.501	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	140032	19.330	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10673	18.582	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	77686	18.357	ug/l	99
94) Hexachlorobutadiene	15.249	225	46689	20.233	ug/l	97
95) Naphthalene	15.385	128	132766	16.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	67211	18.529	ug/l	99

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

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