

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071245.D
 Acq On : 10 Dec 2021 12:12
 Operator : VA/SY
 Sample : VD1210SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/12/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 15:23:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	207863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	358786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	332661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	161870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127858	52.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.84%			
35) Dibromofluoromethane	7.914	113	120282	52.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.30%			
50) Toluene-d8	10.338	98	415000	47.73	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.46%			
62) 4-Bromofluorobenzene	12.626	95	148000	49.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	36073	20.35	ug/l	94
3) Chloromethane	2.215	50	54016	23.03	ug/l	96
4) Vinyl Chloride	2.356	62	59720	22.83	ug/l	98
5) Bromomethane	2.768	94	45500	24.12	ug/l	89
6) Chloroethane	2.921	64	44240	24.59	ug/l	91
7) Trichlorofluoromethane	3.279	101	75226	21.22	ug/l	97
8) Diethyl Ether	3.715	74	19257	20.04	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.103	101	43076	20.60	ug/l	96
10) Methyl Iodide	4.303	142	34185	17.34	ug/l	95
11) Tert butyl alcohol	5.203	59	31933	187.75	ug/l #	75
12) 1,1-Dichloroethene	4.074	96	37476	19.42	ug/l	95
13) Acrolein	3.926	56	18358	110.14	ug/l	99
14) Allyl chloride	4.721	41	73410	20.03	ug/l #	79
15) Acrylonitrile	5.420	53	54102	115.78	ug/l	94
16) Acetone	4.156	43	51463	100.47	ug/l #	80
17) Carbon Disulfide	4.415	76	109648	19.41	ug/l	98
18) Methyl Acetate	4.721	43	44590	24.78	ug/l #	73
19) Methyl tert-butyl Ether	5.479	73	97858	20.69	ug/l	97
20) Methylene Chloride	4.973	84	56685	20.57	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	43777	20.15	ug/l	93
22) Diisopropyl ether	6.367	45	151847	20.68	ug/l #	91
23) Vinyl Acetate	6.303	43	293373	93.05	ug/l	100
24) 1,1-Dichloroethane	6.268	63	87610	20.74	ug/l	98
25) 2-Butanone	7.215	43	70733	112.19	ug/l #	89
26) 2,2-Dichloropropane	7.215	77	69873	18.19	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	51242	20.85	ug/l	93
28) Bromochloromethane	7.550	49	45978	25.06	ug/l	87
29) Tetrahydrofuran	7.567	42	42662	110.15	ug/l	93
30) Chloroform	7.709	83	88707	20.93	ug/l	97
31) Cyclohexane	7.985	56	78296	18.87	ug/l #	91
32) 1,1,1-Trichloroethane	7.903	97	76223	20.03	ug/l #	93
36) 1,1-Dichloropropene	8.109	75	64857	19.34	ug/l	99
37) Ethyl Acetate	7.291	43	32375	22.35	ug/l #	92
38) Carbon Tetrachloride	8.097	117	65732	19.89	ug/l	97
39) Methylcyclohexane	9.356	83	72560	17.99	ug/l	100
40) Benzene	8.350	78	185638	20.38	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	19010	29.52	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	60301	21.69	ug/l	94
43) Isopropyl Acetate	8.450	43	60599	22.25	ug/l #	88
44) Trichloroethene	9.109	130	47036	19.37	ug/l	96
45) 1,2-Dichloropropane	9.385	63	48405	20.21	ug/l	98
46) Dibromomethane	9.467	93	26255	21.13	ug/l	93
47) Bromodichloromethane	9.661	83	68916	20.97	ug/l	99
48) Methyl methacrylate	9.450	41	30775	21.71	ug/l #	80
49) 1,4-Dioxane	9.461	88	4820	401.78	ug/l #	78
51) 4-Methyl-2-Pentanone	10.226	43	155685	114.28	ug/l	88
52) Toluene	10.397	92	117491	20.33	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	59972	19.85	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	71066	19.80	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	34225	20.99	ug/l	95
56) Ethyl methacrylate	10.656	69	41166	21.42	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	60954	21.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	139195	125.47	ug/l	99
59) 2-Hexanone	10.979	43	105597	108.51	ug/l	89
60) Dibromochloromethane	11.138	129	42833	21.14	ug/l	99
61) 1,2-Dibromoethane	11.244	107	32668	20.86	ug/l	98
64) Tetrachloroethene	10.873	164	38934	18.44	ug/l	96
65) Chlorobenzene	11.667	112	118998	19.28	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	44111	19.57	ug/l	99
67) Ethyl Benzene	11.738	91	214040	18.42	ug/l	97
68) m/p-Xylenes	11.850	106	164339	37.46	ug/l	98
69) o-Xylene	12.173	106	76208	18.48	ug/l	97
70) Styrene	12.185	104	134303	19.33	ug/l	98
71) Bromoform	12.350	173	24886	21.32	ug/l #	98
73) Isopropylbenzene	12.473	105	203711	17.38	ug/l	100
74) N-amyl acetate	12.279	43	51472	19.91	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	41875	21.70	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	33883m	21.97	ug/l	
77) Bromobenzene	12.749	156	46180	18.19	ug/l	97
78) n-propylbenzene	12.808	91	258297	17.70	ug/l	100
79) 2-Chlorotoluene	12.897	91	145022	17.70	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	168905	17.48	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	10514	19.88	ug/l #	74
82) 4-Chlorotoluene	12.997	91	150651	17.71	ug/l	98
83) tert-Butylbenzene	13.214	119	143848	17.33	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	168104	17.81	ug/l	98
85) sec-Butylbenzene	13.391	105	221548	17.48	ug/l	99
86) p-Isopropyltoluene	13.502	119	179491	17.31	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	93775	18.56	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	95595	19.09	ug/l	98
89) n-Butylbenzene	13.832	91	176374	17.42	ug/l	98
90) Hexachloroethane	14.102	117	36460	18.55	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	79497	18.50	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.491	75	6867	21.85	ug/l	92
93) 1,2,4-Trichlorobenzene	15.144	180	46946	17.51	ug/l	99
94) Hexachlorobutadiene	15.249	225	26773	17.65	ug/l	98
95) Naphthalene	15.385	128	86764	18.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	40731	17.89	ug/l	94

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

