

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071165.D
 Acq On : 06 Dec 2021 11:54
 Operator : VA/SY
 Sample : VD1206SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1206SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/08/2021
 Supervised By : Amit Patel 12/08/2021

Quant Time: Dec 07 06:50:56 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	230396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	368591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	176942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	146374	54.144	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.280%			
35) Dibromofluoromethane	7.914	113	135857	52.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.680%			
50) Toluene-d8	10.338	98	475925	48.637	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.626	95	163832	48.301	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	41433	21.088	ug/l	99
3) Chloromethane	2.209	50	57779	22.229	ug/l	96
4) Vinyl Chloride	2.350	62	68393	23.584	ug/l	95
5) Bromomethane	2.762	94	47543	22.743	ug/l	95
6) Chloroethane	2.920	64	45667	22.896	ug/l	90
7) Trichlorofluoromethane	3.273	101	76928	19.582	ug/l	92
8) Diethyl Ether	3.709	74	20965	19.686	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	44493	19.197	ug/l	96
10) Methyl Iodide	4.297	142	37530	17.219	ug/l	98
11) Tert butyl alcohol	5.209	59	24831	96.728	ug/l #	71
12) 1,1-Dichloroethene	4.067	96	40008	18.705	ug/l	90
13) Acrolein	3.926	56	20516	111.051	ug/l	100
14) Allyl chloride	4.714	41	75001	18.461	ug/l #	81
15) Acrylonitrile	5.432	53	57228	110.492	ug/l	98
16) Acetone	4.156	43	54672	97.574	ug/l	91
17) Carbon Disulfide	4.409	76	119624	19.103	ug/l	100
18) Methyl Acetate	4.714	43	45059	22.590	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	101735	19.409	ug/l	97
20) Methylene Chloride	4.967	84	50810	15.766	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	46587	19.350	ug/l	94
22) Diisopropyl ether	6.361	45	155524	19.107	ug/l #	88
23) Vinyl Acetate	6.308	43	361865	100.478	ug/l	96
24) 1,1-Dichloroethane	6.267	63	89271	19.068	ug/l	99
25) 2-Butanone	7.214	43	73124	106.551	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	72017	16.916	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	52472	19.264	ug/l	94
28) Bromochloromethane	7.550	49	48497	23.850	ug/l	92
29) Tetrahydrofuran	7.561	42	46212	107.650	ug/l	92
30) Chloroform	7.714	83	92041	19.589	ug/l	97
31) Cyclohexane	7.985	56	82858	18.018	ug/l #	94
32) 1,1,1-Trichloroethane	7.903	97	78128	18.521	ug/l	93
36) 1,1-Dichloropropene	8.114	75	68624	18.183	ug/l	97
37) Ethyl Acetate	7.291	43	33972	20.839	ug/l #	93
38) Carbon Tetrachloride	8.091	117	68645	18.452	ug/l	94
39) Methylcyclohexane	9.355	83	78279	17.245	ug/l	97
40) Benzene	8.350	78	186993	18.241	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	20106	27.727	ug/l #	77
42) 1,2-Dichloroethane	8.420	62	61754	19.735	ug/l	94
43) Isopropyl Acetate	8.450	43	64197	21.250	ug/l #	89
44) Trichloroethene	9.108	130	49243	18.016	ug/l	90
45) 1,2-Dichloropropane	9.385	63	50473	18.722	ug/l	97
46) Dibromomethane	9.473	93	27325	19.536	ug/l	96
47) Bromodichloromethane	9.655	83	68615	18.550	ug/l	100
48) Methyl methacrylate	9.455	41	30784	19.291	ug/l #	82
49) 1,4-Dioxane	9.455	88	6107	452.319	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	166236	109.994	ug/l	89
52) Toluene	10.402	92	119620	18.391	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	61959	18.219	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	75288	18.637	ug/l #	78
55) 1,1,2-Trichloroethane	10.796	97	36138	19.695	ug/l	93
56) Ethyl methacrylate	10.661	69	43104	20.340	ug/l #	70
57) 1,3-Dichloropropane	10.944	76	62467	19.380	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	155011	124.149	ug/l	99
59) 2-Hexanone	10.979	43	111336	103.836	ug/l	88
60) Dibromochloromethane	11.132	129	43694	19.160	ug/l	97
61) 1,2-Dibromoethane	11.244	107	34289	19.458	ug/l	98
64) Tetrachloroethene	10.873	164	41630	17.791	ug/l	93
65) Chlorobenzene	11.661	112	125124	18.296	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	47610	19.066	ug/l	98
67) Ethyl Benzene	11.738	91	225455	17.512	ug/l	99
68) m/p-Xylenes	11.843	106	172352	35.459	ug/l	99
69) o-Xylene	12.173	106	77995	17.073	ug/l	96
70) Styrene	12.185	104	138579	17.999	ug/l	98
71) Bromoform	12.355	173	24923	19.266	ug/l #	94
73) Isopropylbenzene	12.473	105	214871	16.771	ug/l	98
74) N-amyl acetate	12.279	43	56405	19.948	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.726	83	43302	20.523	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	35612m	21.124	ug/l	
77) Bromobenzene	12.755	156	51158	18.435	ug/l	95
78) n-propylbenzene	12.814	91	270972	16.983	ug/l	99
79) 2-Chlorotoluene	12.896	91	153568	17.149	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	178879	16.931	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	11454	19.830	ug/l #	73
82) 4-Chlorotoluene	12.996	91	159081	17.111	ug/l	98
83) tert-Butylbenzene	13.214	119	151253	16.670	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	178542	17.309	ug/l	97
85) sec-Butylbenzene	13.390	105	231137	16.679	ug/l	99
86) p-Isopropyltoluene	13.502	119	190247	16.785	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	99793	18.065	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	98783	18.049	ug/l	98
89) n-Butylbenzene	13.832	91	186522	16.858	ug/l	98
90) Hexachloroethane	14.096	117	38184	17.771	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	84827	18.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7026	20.448	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	50848	17.352	ug/l	97
94) Hexachlorobutadiene	15.255	225	27884	16.818	ug/l	98
95) Naphthalene	15.384	128	92939	17.991	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	44443	17.857	ug/l	94

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

