

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069443.D
 Acq On : 15 Jun 2021 14:13
 Operator : VA/SY
 Sample : VD0615SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 12:56:13 PM

Quant Time: Jun 16 02:00:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	374575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	632026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	610912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	234506	55.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.980%	
35) Dibromofluoromethane	7.914	113	247301	52.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.480%	
50) Toluene-d8	10.338	98	940319	54.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.626	95	305153	54.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	66943	17.938	ug/l	99
3) Chloromethane	2.209	50	66609	17.843	ug/l	100
4) Vinyl Chloride	2.350	62	81860	18.130	ug/l	98
5) Bromomethane	2.750	94	69984	19.633	ug/l	87
6) Chloroethane	2.921	64	59588	19.183	ug/l	100
7) Trichlorofluoromethane	3.268	101	96841	13.113	ug/l	97
8) Diethyl Ether	3.703	74	25092	13.534	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	60783	13.841	ug/l	96
10) Methyl Iodide	4.297	142	47830	13.184	ug/l	99
11) Tert butyl alcohol	5.226	59	30475	138.715	ug/l #	85
12) 1,1-Dichloroethene	4.068	96	52793	13.289	ug/l	87
13) Acrolein	3.915	56	21285	77.716	ug/l	94
14) Allyl chloride	4.703	41	90634	19.398	ug/l	97
15) Acrylonitrile	5.420	53	73330	102.940	ug/l	98
16) Acetone	4.156	43	45630	65.235	ug/l	91
17) Carbon Disulfide	4.409	76	178208	13.868	ug/l	100
18) Methyl Acetate	4.721	43	41147	22.692	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	146633	20.245	ug/l	94
20) Methylene Chloride	4.962	84	123344	20.035	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	89503	19.243	ug/l	98
22) Diisopropyl ether	6.362	45	198695	21.388	ug/l	94
23) Vinyl Acetate	6.309	43	493689	94.408	ug/l	99
24) 1,1-Dichloroethane	6.262	63	154937	20.034	ug/l	99
25) 2-Butanone	7.209	43	89178	102.245	ug/l	99
26) 2,2-Dichloropropane	7.203	77	128491	18.857	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	100677	19.997	ug/l	98
28) Bromochloromethane	7.544	49	56700	20.013	ug/l	100
29) Tetrahydrofuran	7.556	42	50025	101.918	ug/l	98
30) Chloroform	7.709	83	174580	20.260	ug/l	94
31) Cyclohexane	7.985	56	102127	17.785	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	149283	19.721	ug/l	98
36) 1,1-Dichloropropene	8.114	75	119467	18.153	ug/l	99
37) Ethyl Acetate	7.291	43	39845	18.096	ug/l #	95
38) Carbon Tetrachloride	8.097	117	128294	17.996	ug/l	100
39) Methylcyclohexane	9.350	83	106451	16.081	ug/l	95
40) Benzene	8.344	78	357980	18.689	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22286	20.345	ug/l #	84
42) 1,2-Dichloroethane	8.426	62	101443	19.301	ug/l	98
43) Isopropyl Acetate	8.456	43	78153	18.772	ug/l	97
44) Trichloroethene	9.108	130	100217	18.760	ug/l	97
45) 1,2-Dichloropropane	9.385	63	90802	19.419	ug/l	95
46) Dibromomethane	9.473	93	51882	19.365	ug/l	95
47) Bromodichloromethane	9.661	83	130342	18.869	ug/l	93
48) Methyl methacrylate	9.450	41	34314	18.123	ug/l	88
49) 1,4-Dioxane	9.456	88	10862	416.317	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	207160	97.526	ug/l	100
52) Toluene	10.403	92	236372	19.434	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	115506	19.522	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	136606	19.207	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	72166	19.486	ug/l	98
56) Ethyl methacrylate	10.655	69	71449	18.764	ug/l	95
57) 1,3-Dichloropropane	10.944	76	120647	20.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	186019	95.136	ug/l	98
59) 2-Hexanone	10.979	43	139498	98.384	ug/l	96
60) Dibromochloromethane	11.138	129	91838	19.458	ug/l	99
61) 1,2-Dibromoethane	11.244	107	70904	19.931	ug/l	96
64) Tetrachloroethene	10.873	164	85062	18.004	ug/l	94
65) Chlorobenzene	11.667	112	258625	19.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	97828	18.968	ug/l	99
67) Ethyl Benzene	11.738	91	407714	18.093	ug/l	98
68) m/p-Xylenes	11.850	106	337178	37.668	ug/l	99
69) o-Xylene	12.179	106	146531	18.500	ug/l	99
70) Styrene	12.191	104	270445	19.406	ug/l	99
71) Bromoform	12.355	173	52642	19.715	ug/l #	100
73) Isopropylbenzene	12.473	105	384950	17.860	ug/l	100
74) N-amyl acetate	12.285	43	73971	19.131	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	82132	19.847	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	59809m	19.243	ug/l	
77) Bromobenzene	12.755	156	101928	18.861	ug/l	99
78) n-propylbenzene	12.814	91	487524	18.431	ug/l	100
79) 2-Chlorotoluene	12.902	91	284213	18.903	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	341007	18.767	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	22798	19.568	ug/l	97
82) 4-Chlorotoluene	12.997	91	306694	19.166	ug/l	99
83) tert-Butylbenzene	13.214	119	282390	18.256	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	347045	19.104	ug/l	99
85) sec-Butylbenzene	13.397	105	402992	17.721	ug/l	99
86) p-Isopropyltoluene	13.508	119	356856	18.064	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	205278	18.967	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	203814	18.906	ug/l	99
89) n-Butylbenzene	13.838	91	311949	16.974	ug/l	99
90) Hexachloroethane	14.102	117	69184	17.991	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	177478	18.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11635	18.670	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	99991	18.199	ug/l	99
94) Hexachlorobutadiene	15.255	225	60587	17.635	ug/l	95
95) Naphthalene	15.391	128	166618	18.138	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	87283	18.298	ug/l	99

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

