

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069091.D
 Acq On : 06 May 2021 22:50
 Operator : VA/SY
 Sample : VD0506SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:26:02 PM

Quant Time: May 07 01:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	243386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	428019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	425201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	213919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154344	49.21	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.42%		
35) Dibromofluoromethane	7.914	113	152025	51.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.58%		
50) Toluene-d8	10.338	98	570200	52.62	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.24%		
62) 4-Bromofluorobenzene	12.626	95	185623	52.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	53354	18.02	ug/l	90
3) Chloromethane	2.209	50	69904	19.19	ug/l	95
4) Vinyl Chloride	2.344	62	92105	19.12	ug/l	91
5) Bromomethane	2.744	94	62152	21.68	ug/l	94
6) Chloroethane	2.909	64	59864	21.37	ug/l	98
7) Trichlorofluoromethane	3.262	101	96344	18.21	ug/l	97
8) Diethyl Ether	3.709	74	24951	19.42	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	53014	18.72	ug/l	97
10) Methyl Iodide	4.297	142	43207	19.01	ug/l	93
11) Tert butyl alcohol	5.220	59	25209m	89.72	ug/l	
12) 1,1-Dichloroethene	4.067	96	49967	19.59	ug/l	90
13) Acrolein	3.920	56	16482	87.69	ug/l	94
14) Allyl chloride	4.709	41	57476	17.49	ug/l	93
15) Acrylonitrile	5.414	53	54131	96.90	ug/l	97
16) Acetone	4.162	43	39856	72.95	ug/l	97
17) Carbon Disulfide	4.397	76	163118	18.92	ug/l	99
18) Methyl Acetate	4.720	43	22823	18.68	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	116949	20.06	ug/l	99
20) Methylene Chloride	4.962	84	125501	39.39	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	60976	20.12	ug/l	93
22) Diisopropyl ether	6.361	45	136978	18.67	ug/l	94
23) Vinyl Acetate	6.303	43	362885	86.52	ug/l	95
24) 1,1-Dichloroethane	6.261	63	100576	19.41	ug/l	96
25) 2-Butanone	7.208	43	58785	87.66	ug/l	92
26) 2,2-Dichloropropane	7.203	77	80523	16.64	ug/l	93
27) cis-1,2-Dichloroethene	7.208	96	65762	20.11	ug/l	95
28) Bromochloromethane	7.544	49	38318	18.32	ug/l	85
29) Tetrahydrofuran	7.567	42	35430	85.89	ug/l	87
30) Chloroform	7.708	83	115100	19.86	ug/l	96
31) Cyclohexane	7.985	56	75370	16.57	ug/l #	82
32) 1,1,1-Trichloroethane	7.903	97	99453	18.79	ug/l	98
36) 1,1-Dichloropropene	8.108	75	79428	17.64	ug/l	98
37) Ethyl Acetate	7.297	43	30314	17.86	ug/l	95
38) Carbon Tetrachloride	8.097	117	86764	17.77	ug/l	96
39) Methylcyclohexane	9.355	83	85661	17.40	ug/l	95
40) Benzene	8.350	78	242663	19.47	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	15409m	15.65	ug/l	
42) 1,2-Dichloroethane	8.426	62	71217	18.28	ug/l	96
43) Isopropyl Acetate	8.450	43	53307	16.75	ug/l #	90
44) Trichloroethene	9.108	130	66870	20.19	ug/l	98
45) 1,2-Dichloropropane	9.385	63	58471	19.06	ug/l	96
46) Dibromomethane	9.473	93	36279	20.57	ug/l	95
47) Bromodichloromethane	9.661	83	90354	19.49	ug/l	95
48) Methyl methacrylate	9.461	41	23664	15.08	ug/l #	80
49) 1,4-Dioxane	9.467	88	8175	400.94	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	142501	87.45	ug/l	97
52) Toluene	10.402	92	157770	19.95	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	77985	19.35	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	92024	19.32	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	49404	21.10	ug/l	89
56) Ethyl methacrylate	10.661	69	49426	19.07	ug/l	92
57) 1,3-Dichloropropane	10.944	76	82042	20.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	133976	98.80	ug/l	97
59) 2-Hexanone	10.985	43	93041	84.59	ug/l	95
60) Dibromochloromethane	11.138	129	63294	20.31	ug/l	95
61) 1,2-Dibromoethane	11.244	107	48252	21.23	ug/l	97
64) Tetrachloroethene	10.873	164	54026	19.71	ug/l	97
65) Chlorobenzene	11.667	112	170663	19.67	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.744	131	67450	20.54	ug/l	97
67) Ethyl Benzene	11.744	91	281646	18.31	ug/l	95
68) m/p-Xylenes	11.849	106	227081	39.25	ug/l	95
69) o-Xylene	12.179	106	99227	19.13	ug/l	99
70) Styrene	12.191	104	182765	19.95	ug/l	97
71) Bromoform	12.355	173	36588	21.74	ug/l #	97
73) Isopropylbenzene	12.479	105	268372	18.13	ug/l	99
74) N-amyl acetate	12.291	43	52035	16.74	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.726	83	53644	18.48	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	39914m	21.43	ug/l	
77) Bromobenzene	12.755	156	71364	20.82	ug/l	88
78) n-propylbenzene	12.814	91	322156	17.71	ug/l	97
79) 2-Chlorotoluene	12.902	91	189533	18.69	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	231700	18.38	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	14501	16.94	ug/l	94
82) 4-Chlorotoluene	13.002	91	196099	18.06	ug/l	97
83) tert-Butylbenzene	13.220	119	188680	18.37	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	229508	18.22	ug/l	97
85) sec-Butylbenzene	13.396	105	267820	18.01	ug/l	97
86) p-Isopropyltoluene	13.508	119	247105	18.01	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	137765	20.03	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	135024	19.91	ug/l	96
89) n-Butylbenzene	13.838	91	220944	16.97	ug/l	98
90) Hexachloroethane	14.108	117	51538	18.27	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	119068	19.91	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8809	18.45	ug/l	91
93) 1,2,4-Trichlorobenzene	15.155	180	68787	19.39	ug/l	98
94) Hexachlorobutadiene	15.261	225	41330	20.11	ug/l	98
95) Naphthalene	15.390	128	124888	19.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	62178	20.29	ug/l	99

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

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