

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069342.D
 Acq On : 04 Jun 2021 13:01
 Operator : VA/SY
 Sample : VD0604SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0604SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:14:53 PM

Quant Time: Jun 05 00:33:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	423758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	697365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	655717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186161	45.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.560%		
35) Dibromofluoromethane	7.914	113	206481	47.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.300%		
50) Toluene-d8	10.338	98	741944	46.591	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.626	95	253132	48.510	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	83701	18.765	ug/l	97
3) Chloromethane	2.209	50	75369	22.382	ug/l	94
4) Vinyl Chloride	2.350	62	71370	20.804	ug/l	97
5) Bromomethane	2.756	94	57688	23.050	ug/l	99
6) Chloroethane	2.915	64	41930	21.420	ug/l	95
7) Trichlorofluoromethane	3.268	101	159702	20.014	ug/l	98
8) Diethyl Ether	3.715	74	38600	19.690	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	96234	20.481	ug/l	99
10) Methyl Iodide	4.297	142	83997	19.139	ug/l	99
11) Tert butyl alcohol	5.220	59	35373	129.261	ug/l #	91
12) 1,1-Dichloroethene	4.068	96	84343	19.844	ug/l	95
13) Acrolein	3.926	56	19622	84.474	ug/l	94
14) Allyl chloride	4.715	41	101818	19.855	ug/l	99
15) Acrylonitrile	5.426	53	76413	99.988	ug/l	99
16) Acetone	4.162	43	67381	94.962	ug/l	98
17) Carbon Disulfide	4.403	76	270503	19.246	ug/l	96
18) Methyl Acetate	4.726	43	39247	20.439	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	158283	20.277	ug/l	98
20) Methylene Chloride	4.962	84	119709	18.843	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	100314	19.928	ug/l	96
22) Diisopropyl ether	6.367	45	206018	20.917	ug/l	93
23) Vinyl Acetate	6.309	43	541297	93.629	ug/l	100
24) 1,1-Dichloroethane	6.262	63	170204	20.651	ug/l	98
25) 2-Butanone	7.214	43	90547	96.978	ug/l	94
26) 2,2-Dichloropropane	7.203	77	146808	19.330	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	110170	20.663	ug/l	98
28) Bromochloromethane	7.544	49	56826	19.886	ug/l	94
29) Tetrahydrofuran	7.561	42	53061	98.874	ug/l	98
30) Chloroform	7.709	83	187293	20.787	ug/l	94
31) Cyclohexane	7.985	56	125058	19.356	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	164241	20.198	ug/l	99
36) 1,1-Dichloropropene	8.114	75	138294	20.402	ug/l	99
37) Ethyl Acetate	7.297	43	43409	18.861	ug/l #	94
38) Carbon Tetrachloride	8.097	117	143961	19.671	ug/l	95
39) Methylcyclohexane	9.355	83	134211	19.355	ug/l	98
40) Benzene	8.350	78	395115	20.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20716m	18.539	ug/l	
42) 1,2-Dichloroethane	8.420	62	109301	20.804	ug/l	99
43) Isopropyl Acetate	8.450	43	82763	19.758	ug/l	98
44) Trichloroethene	9.108	130	110927	20.739	ug/l	92
45) 1,2-Dichloropropane	9.385	63	94220	20.102	ug/l	99
46) Dibromomethane	9.473	93	54493	20.340	ug/l	94
47) Bromodichloromethane	9.661	83	141588	20.495	ug/l	96
48) Methyl methacrylate	9.456	41	36675	18.859	ug/l	86
49) 1,4-Dioxane	9.461	88	10403	395.303	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	217351	100.463	ug/l	97
52) Toluene	10.403	92	261900	21.077	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	120771	19.575	ug/l	92
54) cis-1,3-Dichloropropene	10.085	75	146975	19.981	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	76753	20.653	ug/l	94
56) Ethyl methacrylate	10.661	69	73044	18.963	ug/l	99
57) 1,3-Dichloropropane	10.944	76	126897	21.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	189855	109.106	ug/l	100
59) 2-Hexanone	10.985	43	138618	95.848	ug/l	99
60) Dibromochloromethane	11.138	129	97628	20.849	ug/l	97
61) 1,2-Dibromoethane	11.244	107	72147	20.353	ug/l	99
64) Tetrachloroethene	10.873	164	98331	21.544	ug/l	97
65) Chlorobenzene	11.667	112	282519	21.084	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	105158	20.945	ug/l	99
67) Ethyl Benzene	11.744	91	466518	20.264	ug/l	100
68) m/p-Xylenes	11.849	106	373411	41.394	ug/l	100
69) o-Xylene	12.179	106	165093	20.692	ug/l	99
70) Styrene	12.191	104	292953	21.152	ug/l	99
71) Bromoform	12.355	173	53785	20.655	ug/l #	100
73) Isopropylbenzene	12.473	105	448132	20.462	ug/l	99
74) N-amyl acetate	12.285	43	76930	19.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	81617	19.963	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	50970m	18.333	ug/l	
77) Bromobenzene	12.755	156	109976	20.852	ug/l	98
78) n-propylbenzene	12.814	91	551851	20.546	ug/l	100
79) 2-Chlorotoluene	12.902	91	315037	20.633	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	388224	20.931	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22233	17.721	ug/l	92
82) 4-Chlorotoluene	12.996	91	341946	21.288	ug/l	99
83) tert-Butylbenzene	13.220	119	321323	20.686	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	383962	20.815	ug/l	96
85) sec-Butylbenzene	13.396	105	473134	20.637	ug/l	99
86) p-Isopropyltoluene	13.508	119	412614	20.583	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	221913	20.791	ug/l	100
88) 1,4-Dichlorobenzene	13.591	146	222859	20.949	ug/l	99
89) n-Butylbenzene	13.838	91	375236	20.006	ug/l	99
90) Hexachloroethane	14.102	117	76981	20.215	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	190520	20.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12065	18.525	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	111845	20.268	ug/l	99
94) Hexachlorobutadiene	15.255	225	72257	20.855	ug/l	99
95) Naphthalene	15.390	128	182301	18.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	97650	20.105	ug/l	99

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

