

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068420.D
 Acq On : 23 Feb 2021 12:26
 Operator : VA/SY
 Sample : VD0223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Manual Integrations
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 2/24/2021 1:35:21 PM

Quant Time: Feb 23 14:04:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	396468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	666803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	603170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	277198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	203488	50.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.40%	
35) Dibromofluoromethane	7.914	113	210969	53.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.60%	
50) Toluene-d8	10.344	98	852044	51.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.88%	
62) 4-Bromofluorobenzene	12.632	95	275404	51.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.08%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	75796	20.86	ug/l	99
3) Chloromethane	2.209	50	87372	20.20	ug/l	97
4) Vinyl Chloride	2.344	62	108430	20.94	ug/l	100
5) Bromomethane	2.756	94	78747	21.28	ug/l	97
6) Chloroethane	2.921	64	72531	21.45	ug/l	91
7) Trichlorofluoromethane	3.268	101	138392	21.72	ug/l	95
8) Diethyl Ether	3.715	74	39263	20.98	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	86051	22.19	ug/l	95
10) Methyl Iodide	4.303	142	75450	20.72	ug/l	93
11) Tert butyl alcohol	5.220	59	22662	111.52	ug/l #	87
12) 1,1-Dichloroethene	4.073	96	80516	21.35	ug/l	98
13) Acrolein	3.921	56	17674	76.06	ug/l	94
14) Allyl chloride	4.721	41	95208	19.42	ug/l	96
15) Acrylonitrile	5.426	53	81912	101.40	ug/l	99
16) Acetone	4.162	43	62811	100.45	ug/l	100
17) Carbon Disulfide	4.409	76	223594	20.47	ug/l	99
18) Methyl Acetate	4.715	43	32237	18.78	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	177831	20.90	ug/l	97
20) Methylene Chloride	4.968	84	104081	22.27	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	92521	21.20	ug/l	95
22) Diisopropyl ether	6.367	45	220770	20.35	ug/l	95
23) Vinyl Acetate	6.303	43	561122	100.17	ug/l	97
24) 1,1-Dichloroethane	6.267	63	154757	20.85	ug/l	96
25) 2-Butanone	7.209	43	87329	99.88	ug/l	95
26) 2,2-Dichloropropane	7.209	77	132505	20.87	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	106491	21.47	ug/l	97
28) Bromochloromethane	7.550	49	60271	19.58	ug/l	87
29) Tetrahydrofuran	7.562	42	55280	97.74	ug/l	99
30) Chloroform	7.709	83	166541	21.57	ug/l	100
31) Cyclohexane	7.985	56	134533	21.23	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	144425	21.65	ug/l	96
36) 1,1-Dichloropropene	8.109	75	130108	22.06	ug/l	96
37) Ethyl Acetate	7.297	43	43340	21.74	ug/l	95
38) Carbon Tetrachloride	8.091	117	122325	21.74	ug/l	93
39) Methylcyclohexane	9.356	83	155958	21.55	ug/l	99
40) Benzene	8.350	78	365793	21.74	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20560	17.92	ug/l #	85
42) 1,2-Dichloroethane	8.426	62	97017	21.62	ug/l	99
43) Isopropyl Acetate	8.456	43	80574	21.11	ug/l	98
44) Trichloroethene	9.114	130	103495	22.60	ug/l	98
45) 1,2-Dichloropropane	9.391	63	88305	21.51	ug/l	92
46) Dibromomethane	9.479	93	48240	21.66	ug/l	96
47) Bromodichloromethane	9.667	83	128677	22.28	ug/l	99
48) Methyl methacrylate	9.456	41	38541	20.23	ug/l #	85
49) 1,4-Dioxane	9.456	88	11794	453.23	ug/l	90
51) 4-Methyl-2-Pentanone	10.232	43	206043	105.10	ug/l	100
52) Toluene	10.403	92	243407	22.50	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	120389	22.53	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	140939	21.58	ug/l	98
55) 1,1,2-Trichloroethane	10.803	97	69316	22.53	ug/l	97
56) Ethyl methacrylate	10.661	69	76814	21.04	ug/l	97
57) 1,3-Dichloropropane	10.950	76	117492	21.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	195793	100.16	ug/l	94
59) 2-Hexanone	10.985	43	141285	106.61	ug/l	99
60) Dibromochloromethane	11.138	129	85405	22.37	ug/l	100
61) 1,2-Dibromoethane	11.244	107	66722	22.44	ug/l	98
64) Tetrachloroethene	10.879	164	84766	22.84	ug/l	97
65) Chlorobenzene	11.673	112	256261	22.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	92873	22.95	ug/l	97
67) Ethyl Benzene	11.744	91	458987	22.07	ug/l	98
68) m/p-Xylenes	11.855	106	354379	45.09	ug/l	98
69) o-Xylene	12.179	106	165395	22.94	ug/l	94
70) Styrene	12.197	104	278583	22.21	ug/l	99
71) Bromoform	12.361	173	46753	22.49	ug/l #	97
73) Isopropylbenzene	12.479	105	446641	22.06	ug/l	100
74) N-amyl acetate	12.285	43	74537	20.85	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	78857	22.47	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	44682m	16.94	ug/l	
77) Bromobenzene	12.761	156	99703	22.04	ug/l	92
78) n-propylbenzene	12.820	91	536520	22.14	ug/l	97
79) 2-Chlorotoluene	12.908	91	291575	21.72	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	368410	22.27	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	23031	21.89	ug/l	97
82) 4-Chlorotoluene	13.002	91	310823	21.90	ug/l	99
83) tert-Butylbenzene	13.220	119	323965	22.57	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	364382	22.11	ug/l	98
85) sec-Butylbenzene	13.402	105	442085	22.02	ug/l	99
86) p-Isopropyltoluene	13.514	119	403945	22.41	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	194879	22.27	ug/l	99
88) 1,4-Dichlorobenzene	13.597	146	192166	22.07	ug/l	98
89) n-Butylbenzene	13.844	91	384828	21.88	ug/l	98
90) Hexachloroethane	14.108	117	70696	21.61	ug/l	94
91) 1,2-Dichlorobenzene	13.891	146	166761	21.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10881	21.21	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	111773	22.49	ug/l	98
94) Hexachlorobutadiene	15.267	225	63681	23.30	ug/l	100
95) Naphthalene	15.396	128	204500	22.13	ug/l	100
96) 1,2,3-Trichlorobenzene	15.591	180	96487	22.26	ug/l	98

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

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