

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068733.D
 Acq On : 31 Mar 2021 12:45
 Operator : VA/SY
 Sample : VD0331SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0331SBS01

Manual Integrations
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MMDadoda
 4/1/2021 3:20:40 PM

Quant Time: Apr 01 00:43:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	294709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	497075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	462451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	152970	51.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.96%			
35) Dibromofluoromethane	7.914	113	160802	51.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.98%			
50) Toluene-d8	10.337	98	623669	52.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.60%			
62) 4-Bromofluorobenzene	12.631	95	204411	52.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	45255	19.65	ug/l	96
3) Chloromethane	2.208	50	54152	19.08	ug/l	93
4) Vinyl Chloride	2.350	62	69928	20.84	ug/l	92
5) Bromomethane	2.750	94	55037	22.20	ug/l	91
6) Chloroethane	2.914	64	47413	21.58	ug/l	100
7) Trichlorofluoromethane	3.273	101	93658	23.42	ug/l	98
8) Diethyl Ether	3.708	74	24875	22.50	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	57714	24.12	ug/l	99
10) Methyl Iodide	4.302	142	51093	20.34	ug/l	100
11) Tert butyl alcohol	5.220	59	16632	121.46	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	52677	22.61	ug/l	97
13) Acrolein	3.920	56	14671	120.88	ug/l	98
14) Allyl chloride	4.714	41	61836	21.85	ug/l	99
15) Acrylonitrile	5.420	53	57157	106.19	ug/l	96
16) Acetone	4.161	43	41999	116.49	ug/l	99
17) Carbon Disulfide	4.414	76	156976	20.99	ug/l	99
18) Methyl Acetate	4.726	43	23095	23.30	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	120920	20.61	ug/l	91
20) Methylene Chloride	4.967	84	72459	19.54	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	66689	20.59	ug/l	95
22) Diisopropyl ether	6.367	45	148933	20.70	ug/l	97
23) Vinyl Acetate	6.302	43	371473	97.20	ug/l	98
24) 1,1-Dichloroethane	6.267	63	109455	20.75	ug/l	97
25) 2-Butanone	7.214	43	57151	95.67	ug/l	99
26) 2,2-Dichloropropane	7.202	77	88488	18.85	ug/l	97
27) cis-1,2-Dichloroethene	7.220	96	66979	18.56	ug/l	99
28) Bromochloromethane	7.549	49	39498	18.93	ug/l	97
29) Tetrahydrofuran	7.567	42	37981	100.58	ug/l	98
30) Chloroform	7.708	83	116787	20.37	ug/l	91
31) Cyclohexane	7.985	56	91203	19.02	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	105338	20.58	ug/l	97
36) 1,1-Dichloropropene	8.108	75	90599	20.41	ug/l	99
37) Ethyl Acetate	7.291	43	25565	18.25	ug/l	96
38) Carbon Tetrachloride	8.096	117	90574	20.44	ug/l	96
39) Methylcyclohexane	9.355	83	102574	18.72	ug/l	96
40) Benzene	8.349	78	261502	20.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	17528m	21.38	ug/l	
42) 1,2-Dichloroethane	8.426	62	70778	20.88	ug/l	100
43) Isopropyl Acetate	8.455	43	54741	20.37	ug/l	99
44) Trichloroethene	9.114	130	74489	20.72	ug/l	88
45) 1,2-Dichloropropane	9.390	63	64238	20.73	ug/l	91
46) Dibromomethane	9.473	93	35823	20.33	ug/l	97
47) Bromodichloromethane	9.661	83	94704	20.95	ug/l	96
48) Methyl methacrylate	9.461	41	24727	18.15	ug/l	92
49) 1,4-Dioxane	9.461	88	8544	436.33	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	141925	101.44	ug/l	99
52) Toluene	10.402	92	170764	20.83	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	86309	20.76	ug/l	97
54) cis-1,3-Dichloropropene	10.090	75	100056	20.26	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	52820	21.31	ug/l	91
56) Ethyl methacrylate	10.661	69	51050	19.06	ug/l	97
57) 1,3-Dichloropropane	10.943	76	83880	20.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	122503	89.77	ug/l	100
59) 2-Hexanone	10.984	43	97215	103.48	ug/l	99
60) Dibromochloromethane	11.137	129	63860	20.77	ug/l	100
61) 1,2-Dibromoethane	11.243	107	48958	20.46	ug/l	99
64) Tetrachloroethene	10.873	164	59829	19.96	ug/l	97
65) Chlorobenzene	11.667	112	186694	20.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	65521	20.01	ug/l	98
67) Ethyl Benzene	11.743	91	315927	19.90	ug/l	99
68) m/p-Xylenes	11.849	106	250722	40.53	ug/l	97
69) o-Xylene	12.179	106	114536	19.98	ug/l	96
70) Styrene	12.196	104	198243	20.12	ug/l	99
71) Bromoform	12.355	173	35177	20.37	ug/l #	94
73) Isopropylbenzene	12.479	105	309558	19.94	ug/l	100
74) N-amyl acetate	12.284	43	49851	19.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	57426	20.94	ug/l	99
76) 1,2,3-Trichloropropane	12.784	75	37834m	20.12	ug/l	
77) Bromobenzene	12.755	156	73472	20.18	ug/l	98
78) n-propylbenzene	12.820	91	374165	20.25	ug/l	100
79) 2-Chlorotoluene	12.902	91	205757	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	258848	20.62	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	16578	20.06	ug/l	97
82) 4-Chlorotoluene	13.002	91	221743	20.58	ug/l	98
83) tert-Butylbenzene	13.220	119	209780	19.61	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	258264	19.92	ug/l	97
85) sec-Butylbenzene	13.396	105	304551	19.58	ug/l	100
86) p-Isopropyltoluene	13.514	119	276138	19.51	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	145234	20.00	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	144621	20.26	ug/l	99
89) n-Butylbenzene	13.837	91	263179	19.59	ug/l	99
90) Hexachloroethane	14.108	117	52404	20.58	ug/l	92
91) 1,2-Dichlorobenzene	13.884	146	127976	20.75	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8139	20.74	ug/l	92
93) 1,2,4-Trichlorobenzene	15.155	180	78629	19.62	ug/l	99
94) Hexachlorobutadiene	15.261	225	45525	19.89	ug/l	98
95) Naphthalene	15.396	128	137487	19.60	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	69170	20.27	ug/l	97

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

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