

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068635.D
 Acq On : 17 Mar 2021 13:52
 Operator : VA/SY
 Sample : VD0317SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01

Manual Integrations
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 3/18/2021 2:17:59 PM

Quant Time: Mar 18 00:55:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	240726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	408650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	374881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	209960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116938	48.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.24%		
35) Dibromofluoromethane	7.920	113	123373	50.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.24%		
50) Toluene-d8	10.338	98	473166	48.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.52%		
62) 4-Bromofluorobenzene	12.632	95	160813	50.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	48737	20.86	ug/l	97
3) Chloromethane	2.209	50	62037	21.01	ug/l	99
4) Vinyl Chloride	2.350	62	77277	22.04	ug/l	96
5) Bromomethane	2.756	94	52840	21.17	ug/l	98
6) Chloroethane	2.915	64	47974	21.16	ug/l	89
7) Trichlorofluoromethane	3.273	101	90978	22.75	ug/l	99
8) Diethyl Ether	3.709	74	24604	20.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	55381	22.73	ug/l	94
10) Methyl Iodide	4.303	142	51227	19.28	ug/l	96
11) Tert butyl alcohol	5.220	59	15471	120.47	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	51959	21.49	ug/l	99
13) Acrolein	3.926	56	13851	75.47	ug/l	95
14) Allyl chloride	4.720	41	64523	20.67	ug/l	97
15) Acrylonitrile	5.426	53	60971	121.33	ug/l	97
16) Acetone	4.168	43	39358	103.02	ug/l	93
17) Carbon Disulfide	4.403	76	163083	20.59	ug/l	97
18) Methyl Acetate	4.715	43	21004	21.33	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	125554	23.95	ug/l	99
20) Methylene Chloride	4.968	84	67019	21.05	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	68609	23.77	ug/l	96
22) Diisopropyl ether	6.362	45	147164	21.41	ug/l	96
23) Vinyl Acetate	6.309	43	366217	102.69	ug/l	99
24) 1,1-Dichloroethane	6.267	63	102558	21.77	ug/l	100
25) 2-Butanone	7.209	43	58067	105.73	ug/l	91
26) 2,2-Dichloropropane	7.209	77	89594	22.83	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	68959	21.76	ug/l	98
28) Bromochloromethane	7.544	49	37120	20.18	ug/l #	79
29) Tetrahydrofuran	7.567	42	35874	100.60	ug/l	97
30) Chloroform	7.714	83	107316	21.57	ug/l	100
31) Cyclohexane	7.985	56	87647	20.04	ug/l	96
32) 1,1,1-Trichloroethane	7.909	97	96372	22.69	ug/l	97
36) 1,1-Dichloropropene	8.114	75	83374	21.46	ug/l	98
37) Ethyl Acetate	7.297	43	27507	21.34	ug/l	96
38) Carbon Tetrachloride	8.103	117	82648	22.64	ug/l	99
39) Methylcyclohexane	9.356	83	99760	20.82	ug/l	97
40) Benzene	8.350	78	240911	21.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	14949m	19.98	ug/l	
42) 1,2-Dichloroethane	8.426	62	65774	22.45	ug/l	97
43) Isopropyl Acetate	8.456	43	51416	21.71	ug/l	98
44) Trichloroethene	9.114	130	68892	22.52	ug/l	100
45) 1,2-Dichloropropane	9.391	63	60764	22.81	ug/l	96
46) Dibromomethane	9.479	93	30896	21.32	ug/l	95
47) Bromodichloromethane	9.667	83	85179	22.72	ug/l	97
48) Methyl methacrylate	9.461	41	26763	21.20	ug/l	91
49) 1,4-Dioxane	9.467	88	7283	440.70	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	132510	106.90	ug/l	99
52) Toluene	10.403	92	156512	22.00	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	76001	21.94	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	89886	21.26	ug/l #	94
55) 1,1,2-Trichloroethane	10.803	97	45902	22.89	ug/l	95
56) Ethyl methacrylate	10.661	69	48390	20.99	ug/l	97
57) 1,3-Dichloropropane	10.944	76	75496	21.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	107455	92.92	ug/l	95
59) 2-Hexanone	10.985	43	88666	107.32	ug/l	97
60) Dibromochloromethane	11.138	129	55055	22.18	ug/l	99
61) 1,2-Dibromoethane	11.244	107	41739	21.27	ug/l	97
64) Tetrachloroethene	10.879	164	56190	22.95	ug/l	94
65) Chlorobenzene	11.667	112	168752	22.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	59045	22.25	ug/l	97
67) Ethyl Benzene	11.744	91	300557	22.06	ug/l	99
68) m/p-Xylenes	11.855	106	236886	45.77	ug/l	99
69) o-Xylene	12.179	106	108256	22.71	ug/l	94
70) Styrene	12.191	104	188910	23.17	ug/l	98
71) Bromoform	12.355	173	32193	23.88	ug/l #	98
73) Isopropylbenzene	12.479	105	295903	19.00	ug/l	100
74) N-amyl acetate	12.285	43	50036	18.86	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	52251	19.50	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	36282m	19.47	ug/l	
77) Bromobenzene	12.755	156	70019	19.70	ug/l	90
78) n-propylbenzene	12.820	91	389564	20.94	ug/l	97
79) 2-Chlorotoluene	12.908	91	217457	21.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	264099	20.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	15640	19.58	ug/l	98
82) 4-Chlorotoluene	13.002	91	220822	20.32	ug/l	99
83) tert-Butylbenzene	13.220	119	220493	20.29	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	265430	20.77	ug/l	98
85) sec-Butylbenzene	13.396	105	321647	20.95	ug/l	96
86) p-Isopropyltoluene	13.514	119	299362	21.48	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	145146	21.15	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	149931	22.05	ug/l	98
89) n-Butylbenzene	13.838	91	290361	21.60	ug/l	97
90) Hexachloroethane	14.102	117	50790	18.34	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	130237	22.12	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8738	18.50	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	89150	19.61	ug/l	99
94) Hexachlorobutadiene	15.261	225	52107	20.65	ug/l	99
95) Naphthalene	15.396	128	150396	18.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	77235	19.62	ug/l	97

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

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