

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068871.D
 Acq On : 16 Apr 2021 13:02
 Operator : VA/SY
 Sample : VD0416SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBS01

Manual Integrations
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 4/19/2021 1:27:44 PM

Quant Time: Apr 16 23:48:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	167850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	277530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	259657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	130344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	86176	48.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.16%		
35) Dibromofluoromethane	7.920	113	96573	53.50	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.00%		
50) Toluene-d8	10.338	98	365242	53.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.26%		
62) 4-Bromofluorobenzene	12.632	95	119629	52.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	34974	21.03	ug/l	95
3) Chloromethane	2.209	50	39987	20.45	ug/l	93
4) Vinyl Chloride	2.350	62	49348	20.09	ug/l	95
5) Bromomethane	2.756	94	38504	20.97	ug/l	97
6) Chloroethane	2.914	64	33998	21.06	ug/l	100
7) Trichlorofluoromethane	3.262	101	61075	21.13	ug/l	85
8) Diethyl Ether	3.709	74	14374	18.41	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	33318	19.10	ug/l	98
10) Methyl Iodide	4.297	142	28065	15.38	ug/l	98
11) Tert butyl alcohol	5.226	59	9979	86.43	ug/l #	86
12) 1,1-Dichloroethene	4.073	96	33052	19.67	ug/l	84
13) Acrolein	3.932	56	5205	74.55	ug/l	95
14) Allyl chloride	4.714	41	33256	17.56	ug/l	94
15) Acrylonitrile	5.432	53	30719	87.69	ug/l	94
16) Acetone	4.161	43	20123	81.92	ug/l	98
17) Carbon Disulfide	4.409	76	100823	18.54	ug/l	98
18) Methyl Acetate	4.714	43	10840	16.06	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	67615	18.14	ug/l	96
20) Methylene Chloride	4.973	84	41608	17.81	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	42762	19.82	ug/l	97
22) Diisopropyl ether	6.361	45	88806	19.36	ug/l	95
23) Vinyl Acetate	6.308	43	218637	89.92	ug/l	97
24) 1,1-Dichloroethane	6.267	63	68264	19.73	ug/l	96
25) 2-Butanone	7.214	43	32903	94.65	ug/l	98
26) 2,2-Dichloropropane	7.202	77	60197	21.30	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	47995	22.38	ug/l	96
28) Bromochloromethane	7.550	49	21711	17.39	ug/l	91
29) Tetrahydrofuran	7.555	42	20189	86.36	ug/l	94
30) Chloroform	7.708	83	75242	19.87	ug/l	98
31) Cyclohexane	7.985	56	56106	19.01	ug/l	88
32) 1,1,1-Trichloroethane	7.902	97	67993	20.55	ug/l	98
36) 1,1-Dichloropropene	8.108	75	57714	20.54	ug/l	97
37) Ethyl Acetate	7.291	43	15949	19.33	ug/l	98
38) Carbon Tetrachloride	8.097	117	59778	21.49	ug/l	97
39) Methylcyclohexane	9.355	83	66403	20.27	ug/l	97
40) Benzene	8.350	78	168936	20.55	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	9527m	19.50	ug/l	
42) 1,2-Dichloroethane	8.426	62	44855	20.64	ug/l	95
43) Isopropyl Acetate	8.455	43	30963	18.41	ug/l	96
44) Trichloroethene	9.114	130	48152	21.21	ug/l	89
45) 1,2-Dichloropropane	9.385	63	39410	20.07	ug/l	94
46) Dibromomethane	9.479	93	22068	20.18	ug/l	94
47) Bromodichloromethane	9.661	83	59082	20.68	ug/l	97
48) Methyl methacrylate	9.461	41	14966	18.06	ug/l	92
49) 1,4-Dioxane	9.461	88	4683	404.40	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	80709	95.20	ug/l	100
52) Toluene	10.402	92	109353	21.01	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	51415	20.30	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	62143	20.51	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	31410	20.31	ug/l	94
56) Ethyl methacrylate	10.661	69	30115	18.92	ug/l	99
57) 1,3-Dichloropropane	10.943	76	51193	20.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	67411	91.12	ug/l	97
59) 2-Hexanone	10.985	43	52445	92.45	ug/l	97
60) Dibromochloromethane	11.138	129	39380	20.31	ug/l	97
61) 1,2-Dibromoethane	11.243	107	29380	19.55	ug/l	96
64) Tetrachloroethene	10.879	164	38901	21.37	ug/l	99
65) Chlorobenzene	11.667	112	118988	21.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	43765	21.66	ug/l	98
67) Ethyl Benzene	11.743	91	203472	20.90	ug/l	96
68) m/p-Xylenes	11.849	106	159986	42.60	ug/l	99
69) o-Xylene	12.179	106	72091	21.11	ug/l	97
70) Styrene	12.190	104	128135	21.53	ug/l	98
71) Bromoform	12.355	173	22575	20.85	ug/l #	98
73) Isopropylbenzene	12.479	105	191887	20.16	ug/l	99
74) N-amyl acetate	12.285	43	29537	18.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	33334	18.74	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	22187m	18.63	ug/l	
77) Bromobenzene	12.761	156	48310	21.11	ug/l	93
78) n-propylbenzene	12.820	91	237419	20.54	ug/l	99
79) 2-Chlorotoluene	12.908	91	131133	20.31	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	165262	20.77	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	9458	18.43	ug/l	97
82) 4-Chlorotoluene	13.002	91	138376	20.22	ug/l	97
83) tert-Butylbenzene	13.220	119	133859	19.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	165124	20.55	ug/l	97
85) sec-Butylbenzene	13.396	105	194596	20.43	ug/l	99
86) p-Isopropyltoluene	13.514	119	177816	20.43	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	93992	20.74	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	90863	20.25	ug/l	98
89) n-Butylbenzene	13.837	91	163588	19.96	ug/l	99
90) Hexachloroethane	14.108	117	34590	19.96	ug/l	98
91) 1,2-Dichlorobenzene	13.884	146	78369	19.98	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	4832	17.87	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	48494	19.98	ug/l	99
94) Hexachlorobutadiene	15.261	225	27269	19.62	ug/l	97
95) Naphthalene	15.396	128	77034	18.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	41772	19.68	ug/l	98

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

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