Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082119\
Data File : VD063710.D
Acq On : 21 Aug 2019 13:58
Operator : JC/SY
Sample : VD0821SBSD01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0821SBSD01

Quant Time: Aug 22 01:49:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1026555	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1432508	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1101672	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	594508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	538858	49.11	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.22%			
35) Dibromofluoromethane	6.91	113	608940	50.47	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.94%			
50) Toluene-d8	10.41	98	1310351	49.40	ug/l	-0.01
Spiked Amount 50.000			Recovery = 98.80%			
62) 4-Bromofluorobenzene	13.56	95	568219	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	236732	19.061	ug/l	90
3) Chloromethane	1.73	50	188514	19.428	ug/l	94
4) Vinyl Chloride	1.83	62	191734	19.904	ug/l	95
5) Bromomethane	2.14	94	79599	17.513	ug/l	99
6) Chloroethane	2.25	64	89090	20.225	ug/l	97
7) Trichlorofluoromethane	2.51	101	378827	20.049	ug/l	99
8) Diethyl Ether	2.86	74	51606	19.345	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.13	101	222993	19.987	ug/l	91
10) Methyl Iodide	3.29	142	273481	17.324	ug/l	94
11) Tert butyl alcohol	4.08	59	56333	117.930	ug/l	100
12) 1,1-Dichloroethene	3.11	96	159598	19.240	ug/l	93
13) Acrolein	3.02	56	35283	75.040	ug/l	87
14) Allyl chloride	3.60	41	255128	20.460	ug/l	96
15) Acrylonitrile	4.19	53	136687	108.031	ug/l	99
16) Acetone	3.21	43	240812	107.958	ug/l	99
17) Carbon Disulfide	3.36	76	476633	18.207	ug/l	98
18) Methyl Acetate	3.63	43	85501	20.237	ug/l	96
19) Methyl tert-butyl Ether	4.23	73	362251	21.837	ug/l	99
20) Methylene Chloride	3.80	84	182092	18.879	ug/l	96
21) trans-1,2-Dichloroethene	4.21	96	176704	20.243	ug/l	93
22) Diisopropyl ether	5.11	45	519762	20.199	ug/l	98
23) Vinyl Acetate	5.04	43	1570911	105.013	ug/l	99
24) 1,1-Dichloroethane	4.96	63	324592	20.338	ug/l	98
25) 2-Butanone	6.07	43	237673	107.885	ug/l	98
26) 2,2-Dichloropropane	6.02	77	332411	20.911	ug/l	96
27) cis-1,2-Dichloroethene	6.03	96	193741	20.286	ug/l	93
28) Bromochloromethane	6.43	49	123532	19.098	ug/l	87
29) Tetrahydrofuran	6.46	42	105982	103.240	ug/l	98
30) Chloroform	6.66	83	411489	20.743	ug/l	92
31) Cyclohexane	6.94	56	191762	19.355	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	391030	20.606	ug/l	90
36) 1,1-Dichloropropene	7.14	75	255893	20.207	ug/l	95
37) Ethyl Acetate	6.17	43	110395	20.804	ug/l	97
38) Carbon Tetrachloride	7.10	117	383798m	20.109	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	8.86	83	204553	18.996 ug/l	91
40) Benzene	7.44	78	538779	19.333 ug/l	94
41) Methacrylonitrile	6.45	41	141375	21.159 ug/l #	97
42) 1,2-Dichloroethane	7.57	62	282462	20.157 ug/l	97
43) Isopropyl Acetate	9.24	43	145193	20.429 ug/l #	93
44) Trichloroethene	8.54	130	213423	20.036 ug/l	93
45) 1,2-Dichloropropane	8.93	63	138759	21.381 ug/l	97
46) Dibromomethane	9.06	93	113997	20.569 ug/l	93
47) Bromodichloromethane	9.37	83	304410	21.413 ug/l	95
48) Methyl methacrylate	9.12	41	99683	20.682 ug/l	90
49) 1,4-Dioxane	9.09	88	17653	424.741 ug/l	94
51) 4-Methyl-2-Pentanone	10.30	43	515667	106.035 ug/l	97
52) Toluene	10.51	92	355875	19.826 ug/l	88
53) t-1,3-Dichloropropene	10.91	75	246872	21.278 ug/l	96
54) cis-1,3-Dichloropropene	10.03	75	271618	20.763 ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	132522	21.856 ug/l	93
56) Ethyl methacrylate	11.04	69	140860	21.404 ug/l	91
57) 1,3-Dichloropropane	11.40	76	196983	21.492 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	371633	106.963 ug/l	100
59) 2-Hexanone	11.53	43	410198	115.922 ug/l	99
60) Dibromochloromethane	11.69	129	223717	20.277 ug/l	98
61) 1,2-Dibromoethane	11.81	107	147256	20.062 ug/l	92
64) Tetrachloroethene	11.25	164	192172	22.596 ug/l	92
65) Chlorobenzene	12.40	112	452882	21.933 ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.51	131	212955	23.435 ug/l	96
67) Ethyl Benzene	12.52	91	826030	23.008 ug/l	100
68) m/p-Xylenes	12.66	106	586609	46.507 ug/l	95
69) o-Xylene	13.05	106	261514	21.542 ug/l	97
70) Styrene	13.08	104	467120	21.632 ug/l	97
71) Bromoform	13.23	173	133448	21.417 ug/l #	94
73) Isopropylbenzene	13.40	105	844353	22.329 ug/l	98
74) N-amyl acetate	13.26	43	215577	22.710 ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	135669	21.616 ug/l	92
76) 1,2,3-Trichloropropane	13.73	75	153046	22.431 ug/l	96
77) Bromobenzene	13.67	156	236463	22.881 ug/l	96
78) n-propylbenzene	13.77	91	940870	21.266 ug/l	97
79) 2-Chlorotoluene	13.84	91	566455	22.205 ug/l	92
80) 1,3,5-Trimethylbenzene	13.93	105	696957	21.095 ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	36960	20.154 ug/l	86
82) 4-Chlorotoluene	13.94	91	645677	21.048 ug/l	93
83) tert-Butylbenzene	14.19	119	795906	22.876 ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	742088	24.275 ug/l	94
85) sec-Butylbenzene	14.36	105	804872	21.784 ug/l	97
86) p-Isopropyltoluene	14.49	119	753535	21.330 ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	389967	20.861 ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	389711	21.729 ug/l	93
89) n-Butylbenzene	14.80	91	718405	22.281 ug/l	94
90) Hexachloroethane	15.00	117	195683	22.037 ug/l	84
91) 1,2-Dichlorobenzene	14.81	146	349585	22.042 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	23437	19.831 ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	263231	22.556	ug/l	95
94) Hexachlorobutadiene	16.04	225	181699	20.429	ug/l	96
95) Naphthalene	16.13	128	392123	22.171	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	194076	20.590	ug/l	99

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

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