Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058382.D
Acq On : 24 Jun 2018 20:07
Operator : VA/AP
Sample : VD0624SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0624SBS01

Quant Time: Jun 25 04:05:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	859558	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	6.70	114	1104185	50.00	ug/l		0.01
63) Chlorobenzene-d5	10.70	117	892270	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	455047	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.02	65	455423	52.46	ug/l		0.01
Spiked Amount 50.000			Recovery =	104.92%			
35) Dibromofluoromethane	5.56	113	470591	52.36	ug/l		0.01
Spiked Amount 50.000			Recovery =	104.72%			
50) Toluene-d8	8.72	98	1122267	51.62	ug/l		0.01
Spiked Amount 50.000			Recovery =	103.24%			
62) 4-Bromofluorobenzene	11.94	95	456093	51.35	ug/l		0.01
Spiked Amount 50.000			Recovery =	102.70%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.34	85	195305	21.96	ug/l		97
3) Chloromethane	1.47	50	95854	23.22	ug/l		94
4) Vinyl Chloride	1.55	62	99794	22.16	ug/l		93
5) Bromomethane	1.79	94	32549	19.10	ug/l		98
6) Chloroethane	1.88	64	33832	19.27	ug/l		91
7) Trichlorofluoromethane	2.08	101	134953	21.86	ug/l		98
8) Diethyl Ether	2.34	74	28029	21.46	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	2.55	101	87405	22.27	ug/l		93
10) Methyl Iodide	2.68	142	76041	17.03	ug/l	#	92
11) Tert butyl alcohol	3.27	59	26618	92.96	ug/l	#	91
12) 1,1-Dichloroethene	2.54	96	63427	21.48	ug/l		93
13) Acrolein	2.47	56	13591	83.14	ug/l		87
14) Allyl chloride	2.92	41	148432	21.60	ug/l		96
15) Acrylonitrile	3.35	53	88401	116.43	ug/l		85
16) Acetone	2.62	43	115509	97.28	ug/l		95
17) Carbon Disulfide	2.75	76	203163	20.22	ug/l	#	93
18) Methyl Acetate	2.94	43	55496	21.92	ug/l	#	89
19) Methyl tert-butyl Ether	3.41	73	249372	31.84	ug/l		98
20) Methylene Chloride	3.07	84	73575	20.97	ug/l		94
21) trans-1,2-Dichloroethene	3.38	96	87893	27.23	ug/l		99
22) Diisopropyl ether	4.07	45	535371	19.61	ug/l	#	96
23) Vinyl Acetate	4.02	43	1437181	98.21	ug/l		99
24) 1,1-Dichloroethane	3.97	63	311922	21.21	ug/l		98
25) 2-Butanone	4.84	43	257917	99.66	ug/l		98
26) 2,2-Dichloropropane	4.80	77	249616	20.27	ug/l		97
27) cis-1,2-Dichloroethene	4.81	96	191969	23.80	ug/l		94
28) Bromochloromethane	5.15	49	133974	20.32	ug/l	#	94
29) Tetrahydrofuran	5.20	42	136372	99.00	ug/l		99
30) Chloroform	5.33	83	327677	21.11	ug/l		97
31) Cyclohexane	5.60	56	250006	20.31	ug/l		98
32) 1,1,1-Trichloroethane	5.51	97	279422	21.78	ug/l		99
36) 1,1-Dichloropropene	5.75	75	233763	21.40	ug/l		96
37) Ethyl Acetate	4.93	43	121699	19.55	ug/l	#	94
38) Carbon Tetrachloride	5.73	117	245625	22.63	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.29	83	228200	21.45	ug/l		96
40) Benzene	6.02	78	530331	20.38	ug/l		97
41) Methacrylonitrile	5.14	41	59108	19.67	ug/l		94
42) 1,2-Dichloroethane	6.13	62	222902	21.25	ug/l		98
43) Isopropyl Acetate	7.63	43	171881	20.71	ug/l	#	99
44) Trichloroethene	6.99	130	184335	23.59	ug/l		97
45) 1,2-Dichloropropane	7.36	63	147310	21.02	ug/l		99
46) Dibromomethane	7.47	93	104247	21.79	ug/l		98
47) Bromodichloromethane	7.75	83	223205	20.46	ug/l		98
48) Methyl methacrylate	7.51	41	100703	19.97	ug/l		97
49) 1,4-Dioxane	7.50	88	20474	449.77	ug/l	#	83
51) 4-Methyl-2-Pentanone	8.60	43	563891	104.19	ug/l		100
52) Toluene	8.81	92	323437	21.83	ug/l		97
53) t-1,3-Dichloropropene	9.19	75	188763	19.90	ug/l		98
54) cis-1,3-Dichloropropene	8.36	75	224055	20.15	ug/l		96
55) 1,1,2-Trichloroethane	9.47	97	107785	20.56	ug/l		98
56) Ethyl methacrylate	9.32	69	129961	20.73	ug/l		98
57) 1,3-Dichloropropane	9.67	76	180239	20.41	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.20	63	333403	107.43	ug/l		97
59) 2-Hexanone	9.79	43	399231	102.09	ug/l		95
60) Dibromochloromethane	9.97	129	153651	21.60	ug/l		97
61) 1,2-Dibromoethane	10.11	107	121835	21.24	ug/l		95
64) Tetrachloroethene	9.52	164	178514	23.78	ug/l		95
65) Chlorobenzene	10.73	112	386293	23.14	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.86	131	138406	21.49	ug/l		94
67) Ethyl Benzene	10.87	91	648182	22.00	ug/l		99
68) m/p-Xylenes	11.02	106	453386	46.14	ug/l		96
69) o-Xylene	11.41	106	217685	23.19	ug/l		91
70) Styrene	11.44	104	364587	22.77	ug/l		99
71) Bromoform	11.60	173	108083	21.04	ug/l		96
73) Isopropylbenzene	11.78	105	638593	23.46	ug/l		98
74) N-amyl acetate	11.65	43	224248	21.31	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.08	83	130400	20.59	ug/l		97
76) 1,2,3-Trichloropropane	12.12	75	139949	21.06	ug/l		100
77) Bromobenzene	12.05	156	190573	23.38	ug/l		95
78) n-propylbenzene	12.15	91	784597	22.32	ug/l		97
79) 2-Chlorotoluene	12.22	91	458062	22.77	ug/l		94
80) 1,3,5-Trimethylbenzene	12.32	105	495105	23.32	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.85	75	26710	16.48	ug/l		95
82) 4-Chlorotoluene	12.33	91	504260	22.76	ug/l		95
83) tert-Butylbenzene	12.58	119	539100	22.09	ug/l		98
84) 1,2,4-Trimethylbenzene	12.63	105	519915	22.53	ug/l		97
85) sec-Butylbenzene	12.77	105	664031	23.21	ug/l		96
86) p-Isopropyltoluene	12.89	119	538680	23.23	ug/l		94
87) 1,3-Dichlorobenzene	12.84	146	326936	23.08	ug/l		96
88) 1,4-Dichlorobenzene	12.93	146	311643	22.53	ug/l		99
89) n-Butylbenzene	13.20	91	561196	23.03	ug/l		96
90) Hexachloroethane	13.41	117	125427	20.84	ug/l		85
91) 1,2-Dichlorobenzene	13.20	146	280445	23.26	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.78	75	22354	22.18	ug/l		78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	253475	21.98	ug/l	98
94) Hexachlorobutadiene	14.44	225	196284	21.76	ug/l	96
95) Naphthalene	14.52	128	331617	21.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.67	180	219749	21.77	ug/l	97

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

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