Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062618\
Data File : VD059417.D
Acq On : 26 Jun 2018 11:27
Operator : VA/AP
Sample : VD0626SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0626SBS01

Quant Time: Jun 26 13:25:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	905499	50.00	ug/l		-0.03
34) 1,4-Difluorobenzene	6.68	114	1213882	50.00	ug/l		-0.02
63) Chlorobenzene-d5	10.68	117	951271	50.00	ug/l		-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	477770	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.00	65	455606	49.20	ug/l		-0.03
Spiked Amount 50.000			Recovery = 98.40%				
35) Dibromofluoromethane	5.54	113	472088	47.75	ug/l		-0.02
Spiked Amount 50.000			Recovery = 95.50%				
50) Toluene-d8	8.70	98	1069587	46.27	ug/l		-0.02
Spiked Amount 50.000			Recovery = 92.54%				
62) 4-Bromofluorobenzene	11.93	95	432756	45.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.34	85	210791	26.16	ug/l		100
3) Chloromethane	1.49	50	98347	23.46	ug/l	#	85
4) Vinyl Chloride	1.56	62	103110	23.71	ug/l	#	87
5) Bromomethane	1.79	94	31525	19.18	ug/l		94
6) Chloroethane	1.88	64	35125	17.61	ug/l		98
7) Trichlorofluoromethane	2.08	101	144952	23.11	ug/l		96
8) Diethyl Ether	2.34	74	31852	22.45	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	2.55	101	98293	25.22	ug/l		94
10) Methyl Iodide	2.68	142	96334	21.16	ug/l		95
11) Tert butyl alcohol	3.25	59	28323	88.41	ug/l	#	94
12) 1,1-Dichloroethene	2.54	96	68487	22.95	ug/l		82
13) Acrolein	2.47	56	33770	117.92	ug/l		92
14) Allyl chloride	2.91	41	165307	24.21	ug/l		97
15) Acrylonitrile	3.34	53	107286	109.12	ug/l		97
16) Acetone	2.61	43	125733	107.58	ug/l		92
17) Carbon Disulfide	2.74	76	217682	23.82	ug/l		98
18) Methyl Acetate	2.94	43	59783	22.75	ug/l		97
19) Methyl tert-butyl Ether	3.39	73	319381	21.75	ug/l		98
20) Methylene Chloride	3.06	84	93765	27.82	ug/l		95
21) trans-1,2-Dichloroethene	3.38	96	125745	23.84	ug/l		95
22) Diisopropyl ether	4.06	45	569132	22.15	ug/l		95
23) Vinyl Acetate	4.00	43	1485591	110.97	ug/l		98
24) 1,1-Dichloroethane	3.96	63	344351	23.42	ug/l		97
25) 2-Butanone	4.82	43	249128	101.76	ug/l		99
26) 2,2-Dichloropropane	4.78	77	241864	21.21	ug/l		98
27) cis-1,2-Dichloroethene	4.79	96	193187	21.79	ug/l		96
28) Bromochloromethane	5.13	49	147627	23.16	ug/l		99
29) Tetrahydrofuran	5.17	42	140331	104.79	ug/l		98
30) Chloroform	5.31	83	376889	23.52	ug/l		97
31) Cyclohexane	5.58	56	242862	22.92	ug/l		98
32) 1,1,1-Trichloroethane	5.50	97	309539	23.85	ug/l		97
36) 1,1-Dichloropropene	5.73	75	250038	22.71	ug/l		99
37) Ethyl Acetate	4.91	43	139959	20.87	ug/l		97
38) Carbon Tetrachloride	5.71	117	269765	23.76	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.27	83	244515	23.41	ug/l		95
40) Benzene	6.00	78	595216	22.52	ug/l		100
41) Methacrylonitrile	5.12	41	73602	22.79	ug/l		97
42) 1,2-Dichloroethane	6.11	62	256415	21.96	ug/l		98
43) Isopropyl Acetate	7.61	43	182260	21.64	ug/l	#	98
44) Trichloroethene	6.97	130	193185	22.33	ug/l		93
45) 1,2-Dichloropropane	7.33	63	161125	22.02	ug/l		98
46) Dibromomethane	7.45	93	118428	22.50	ug/l		93
47) Bromodichloromethane	7.73	83	269819	22.91	ug/l	#	96
48) Methyl methacrylate	7.49	41	107526	20.96	ug/l		92
49) 1,4-Dioxane	7.47	88	21327	414.47	ug/l		95
51) 4-Methyl-2-Pentanone	8.58	43	598696	106.68	ug/l		98
52) Toluene	8.79	92	348545	22.08	ug/l		99
53) t-1,3-Dichloropropene	9.17	75	207708	21.10	ug/l		93
54) cis-1,3-Dichloropropene	8.34	75	245061	21.50	ug/l		94
55) 1,1,2-Trichloroethane	9.44	97	123893	21.62	ug/l		96
56) Ethyl methacrylate	9.30	69	134546	20.58	ug/l		94
57) 1,3-Dichloropropane	9.65	76	204421	21.81	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.18	63	370377	110.04	ug/l		98
59) 2-Hexanone	9.77	43	416158	104.34	ug/l		95
60) Dibromochloromethane	9.94	129	170319	21.23	ug/l		99
61) 1,2-Dibromoethane	10.08	107	141263	22.14	ug/l		99
64) Tetrachloroethene	9.50	164	205716	24.65	ug/l		96
65) Chlorobenzene	10.72	112	408048	23.46	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.83	131	156238	23.40	ug/l		98
67) Ethyl Benzene	10.84	91	683960	23.30	ug/l		99
68) m/p-Xylenes	11.00	106	466436	47.90	ug/l		97
69) o-Xylene	11.40	106	225824	23.46	ug/l		96
70) Styrene	11.43	104	386417	23.41	ug/l		98
71) Bromoform	11.59	173	121009	21.88	ug/l		94
73) Isopropylbenzene	11.76	105	659166	24.45	ug/l		99
74) N-amyl acetate	11.64	43	214492	20.91	ug/l	#	94
75) 1,1,2,2-Tetrachloroethane	12.07	83	146058	23.09	ug/l		92
76) 1,2,3-Trichloropropane	12.10	75	151322	22.96	ug/l		98
77) Bromobenzene	12.04	156	196731	23.18	ug/l		83
78) n-propylbenzene	12.14	91	840468	24.61	ug/l		97
79) 2-Chlorotoluene	12.20	91	478639	23.87	ug/l		98
80) 1,3,5-Trimethylbenzene	12.31	105	519114	24.19	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.84	75	30748	20.53	ug/l		94
82) 4-Chlorotoluene	12.32	91	551870	24.27	ug/l		91
83) tert-Butylbenzene	12.57	119	580509	25.43	ug/l		92
84) 1,2,4-Trimethylbenzene	12.62	105	557239	24.53	ug/l		97
85) sec-Butylbenzene	12.74	105	693919	24.77	ug/l		98
86) p-Isopropyltoluene	12.88	119	553736	24.52	ug/l		97
87) 1,3-Dichlorobenzene	12.83	146	330159	23.65	ug/l		97
88) 1,4-Dichlorobenzene	12.92	146	313596	22.76	ug/l		94
89) n-Butylbenzene	13.19	91	561573	25.19	ug/l		97
90) Hexachloroethane	13.39	117	140444	24.93	ug/l		83
91) 1,2-Dichlorobenzene	13.19	146	287984	24.33	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	24375	23.37	ug/l		88

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	253942	23.21 ug/l	94
94) Hexachlorobutadiene	14.43	225	193751	23.53 ug/l	99
95) Naphthalene	14.51	128	362777	23.79 ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	231593	23.54 ug/l	99

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

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