Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021219\
Data File : VW008617.D
Acq On : 12 Feb 2019 12:45
Operator : SY/VA
Sample : VW0212SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Quant Time: Feb 13 00:35:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	394367	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	590855	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	534692	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	284024	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	209031	53.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.90%				
35) Dibromofluoromethane	7.88	113	193221	55.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.86%				
50) Toluene-d8	10.32	98	733374	52.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.86%				
62) 4-Bromofluorobenzene	12.62	95	272614	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	34666	17.474	ug/l		94
3) Chloromethane	2.21	50	59223	18.397	ug/l		99
4) Vinyl Chloride	2.36	62	79806	19.475	ug/l		99
5) Bromomethane	2.78	94	65358	24.727	ug/l		95
6) Chloroethane	2.92	64	63411	25.302	ug/l		95
7) Trichlorofluoromethane	3.24	101	63489	20.854	ug/l		87
8) Diethyl Ether	3.68	74	43426	22.081	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	73802	20.691	ug/l		96
10) Methyl Iodide	4.26	142	113838	20.206	ug/l		99
11) Tert butyl alcohol	5.19	59	30705	98.437	ug/l	#	87
12) 1,1-Dichloroethene	4.03	96	70389	19.500	ug/l		97
13) Acrolein	3.89	56	23854	89.411	ug/l		99
14) Allyl chloride	4.65	41	129686	18.920	ug/l		99
15) Acrylonitrile	5.37	53	92961	109.464	ug/l		98
16) Acetone	4.12	43	92799	106.662	ug/l		97
17) Carbon Disulfide	4.37	76	197803	17.157	ug/l		98
18) Methyl Acetate	4.67	43	48794	21.027	ug/l		96
19) Methyl tert-butyl Ether	5.42	73	139060	23.284	ug/l		99
20) Methylene Chloride	4.90	84	84810	21.150	ug/l		96
21) trans-1,2-Dichloroethene	5.41	96	84161	20.738	ug/l		89
22) Diisopropyl ether	6.31	45	255164	19.642	ug/l		98
23) Vinyl Acetate	6.25	43	790189	103.012	ug/l		100
24) 1,1-Dichloroethane	6.21	63	148959	20.257	ug/l		99
25) 2-Butanone	7.17	43	128907	106.671	ug/l		99
26) 2,2-Dichloropropane	7.16	77	97612	19.638	ug/l		98
27) cis-1,2-Dichloroethene	7.16	96	88982	20.119	ug/l		97
28) Bromochloromethane	7.51	49	68313	20.226	ug/l		98
29) Tetrahydrofuran	7.52	42	84157	109.895	ug/l		96
30) Chloroform	7.67	83	149719	20.700	ug/l		99
31) Cyclohexane	7.95	56	140024	18.416	ug/l		96
32) 1,1,1-Trichloroethane	7.87	97	127952	20.482	ug/l		98
36) 1,1-Dichloropropene	8.07	75	117780	21.103	ug/l		99
37) Ethyl Acetate	7.25	43	58691	23.768	ug/l		98
38) Carbon Tetrachloride	8.06	117	119702	21.313	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.33	83	147292	20.089 ug/l	98
40) Benzene	8.32	78	325549	21.020 ug/l	99
41) Methacrylonitrile	7.48	41	34019	23.267 ug/l	98
42) 1,2-Dichloroethane	8.40	62	102814	22.908 ug/l	100
43) Isopropyl Acetate	8.42	43	118673	23.133 ug/l	99
44) Trichloroethene	9.09	130	91570	21.743 ug/l	94
45) 1,2-Dichloropropane	9.37	63	82251	21.300 ug/l	98
46) Dibromomethane	9.46	93	45166	22.740 ug/l	98
47) Bromodichloromethane	9.64	83	110947	21.119 ug/l	99
48) Methyl methacrylate	9.44	41	53518	21.335 ug/l	94
49) 1,4-Dioxane	9.46	88	13997	416.923 ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	296933	117.160 ug/l	99
52) Toluene	10.38	92	209635	20.505 ug/l	97
53) t-1,3-Dichloropropene	10.60	75	117685	21.053 ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	132206	20.840 ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	63978	23.223 ug/l	95
56) Ethyl methacrylate	10.65	69	83442	21.616 ug/l	96
57) 1,3-Dichloropropane	10.93	76	114277	23.154 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	216580	115.474 ug/l	99
59) 2-Hexanone	10.97	43	210734	117.781 ug/l	99
60) Dibromochloromethane	11.13	129	76209	21.526 ug/l	100
61) 1,2-Dibromoethane	11.23	107	61035	22.344 ug/l	99
64) Tetrachloroethene	10.86	164	77850	21.504 ug/l	98
65) Chlorobenzene	11.66	112	235090	21.538 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	83384	21.352 ug/l	98
67) Ethyl Benzene	11.73	91	412732	20.571 ug/l	99
68) m/p-Xylenes	11.84	106	317888	40.836 ug/l	100
69) o-Xylene	12.16	106	155627	21.041 ug/l	95
70) Styrene	12.18	104	247254	20.238 ug/l	98
71) Bromoform	12.35	173	45375	20.651 ug/l #	100
73) Isopropylbenzene	12.46	105	423899	20.019 ug/l	99
74) N-amyl acetate	12.27	43	112021	20.536 ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	76507	22.822 ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52814m	21.387 ug/l	
77) Bromobenzene	12.75	156	99088	21.428 ug/l	94
78) n-propylbenzene	12.80	91	504725	19.846 ug/l	98
79) 2-Chlorotoluene	12.90	91	284188	19.802 ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	350931	19.828 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23655	18.920 ug/l	90
82) 4-Chlorotoluene	12.99	91	295422	19.335 ug/l	96
83) tert-Butylbenzene	13.21	119	308129	19.564 ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	360123	20.019 ug/l	100
85) sec-Butylbenzene	13.38	105	447926	19.915 ug/l	99
86) p-Isopropyltoluene	13.50	119	395509	20.074 ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	198817	21.288 ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	196091	21.127 ug/l	99
89) n-Butylbenzene	13.83	91	378789	19.581 ug/l	100
90) Hexachloroethane	14.10	117	72828	18.902 ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	175246	21.207 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13408	21.079 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	133163	22.582	ug/l	98
94) Hexachlorobutadiene	15.24	225	78629	22.125	ug/l	100
95) Naphthalene	15.37	128	238526	23.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	113566	22.703	ug/l	100

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

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