Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080619\
Data File : VW011710.D
Acq On : 05 Aug 2019 15:39
Operator : SY/VA
Sample : VW0806SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW0806SBS01

Quant Time: Aug 06 08:44:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	231809	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	372751	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	328005	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164577	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	140993	52.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.94%				
35) Dibromofluoromethane	7.88	113	113859	54.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.90%				
50) Toluene-d8	10.32	98	473153	55.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.52%				
62) 4-Bromofluorobenzene	12.62	95	166095	54.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	36762	28.456	ug/l		100
3) Chloromethane	2.21	50	54297	24.238	ug/l		98
4) Vinyl Chloride	2.36	62	62834	23.298	ug/l		99
5) Bromomethane	2.71	94	27233	18.242	ug/l		99
6) Chloroethane	2.85	64	31117	20.198	ug/l		89
7) Trichlorofluoromethane	3.22	101	27691	22.974	ug/l		100
8) Diethyl Ether	3.67	74	26931	19.706	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	51313	22.442	ug/l		100
10) Methyl Iodide	4.25	142	65848	20.379	ug/l		99
11) Tert butyl alcohol	5.18	59	17236	75.279	ug/l		95
12) 1,1-Dichloroethene	4.03	96	52184	21.616	ug/l		95
13) Acrolein	3.89	56	16260	85.134	ug/l		99
14) Allyl chloride	4.65	41	107243	20.886	ug/l		99
15) Acrylonitrile	5.35	53	67736	99.290	ug/l		98
16) Acetone	4.11	43	69279	81.821	ug/l		97
17) Carbon Disulfide	4.37	76	153623	20.331	ug/l		98
18) Methyl Acetate	4.67	43	37781	19.862	ug/l		100
19) Methyl tert-butyl Ether	5.42	73	80131	20.916	ug/l		94
20) Methylene Chloride	4.90	84	58030	19.872	ug/l		96
21) trans-1,2-Dichloroethene	5.41	96	55523	21.332	ug/l		98
22) Diisopropyl ether	6.31	45	204156	21.089	ug/l		99
23) Vinyl Acetate	6.24	43	596226	98.014	ug/l		100
24) 1,1-Dichloroethane	6.20	63	109971	21.210	ug/l		99
25) 2-Butanone	7.17	43	98851	89.219	ug/l		97
26) 2,2-Dichloropropane	7.16	77	60674	19.029	ug/l		99
27) cis-1,2-Dichloroethene	7.16	96	58625	20.466	ug/l		99
28) Bromochloromethane	7.51	49	48292	20.984	ug/l	#	100
29) Tetrahydrofuran	7.52	42	60411	95.388	ug/l		99
30) Chloroform	7.67	83	101079	21.132	ug/l		96
31) Cyclohexane	7.95	56	108370	21.774	ug/l		97
32) 1,1,1-Trichloroethane	7.87	97	78014	21.416	ug/l		98
36) 1,1-Dichloropropene	8.07	75	85793	22.135	ug/l		100
37) Ethyl Acetate	7.25	43	42306	18.972	ug/l		98
38) Carbon Tetrachloride	8.06	117	73052	22.016	ug/l		98

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.33	83	94211	22.075 ug/l		98
40) Benzene	8.32	78	230229	21.206 ug/l		99
41) Methacrylonitrile	7.48	41	26707	20.035 ug/l		99
42) 1,2-Dichloroethane	8.40	62	71177	20.940 ug/l		99
43) Isopropyl Acetate	8.42	43	80499	19.629 ug/l		99
44) Trichloroethene	9.09	130	55005	21.080 ug/l		99
45) 1,2-Dichloropropane	9.37	63	61254	21.086 ug/l		100
46) Dibromomethane	9.46	93	26643	20.095 ug/l		99
47) Bromodichloromethane	9.64	83	70607	20.302 ug/l		98
48) Methyl methacrylate	9.43	41	38153	19.367 ug/l		96
49) 1,4-Dioxane	9.44	88	7863	409.586 ug/l		99
51) 4-Methyl-2-Pentanone	10.21	43	210474	98.669 ug/l		100
52) Toluene	10.38	92	140431	21.419 ug/l		99
53) t-1,3-Dichloropropene	10.60	75	71748	19.749 ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	87958	20.362 ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	38252	20.334 ug/l		97
56) Ethyl methacrylate	10.65	69	55647	20.215 ug/l		99
57) 1,3-Dichloropropane	10.93	76	73584	20.675 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	136869	109.507 ug/l		100
59) 2-Hexanone	10.97	43	146770	97.448 ug/l		99
60) Dibromochloromethane	11.13	129	41551	19.899 ug/l		98
61) 1,2-Dibromoethane	11.23	107	35929	20.182 ug/l		99
64) Tetrachloroethene	10.86	164	45682	21.390 ug/l		99
65) Chlorobenzene	11.66	112	138806	21.049 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47911	20.858 ug/l		99
67) Ethyl Benzene	11.73	91	270865	21.567 ug/l		99
68) m/p-Xylenes	11.84	106	196596	43.043 ug/l		99
69) o-Xylene	12.16	106	90915	21.420 ug/l		100
70) Styrene	12.18	104	156470	21.322 ug/l		99
71) Bromoform	12.35	173	22733	19.411 ug/l	#	96
73) Isopropylbenzene	12.46	105	254386	20.719 ug/l		99
74) N-amyl acetate	12.27	43	76018	19.776 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45445	19.678 ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	31436m	18.052 ug/l		
77) Bromobenzene	12.74	156	54602	20.120 ug/l		97
78) n-propylbenzene	12.80	91	318332	21.304 ug/l		100
79) 2-Chlorotoluene	12.89	91	178915	20.784 ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	218569	21.237 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	14021	18.556 ug/l		93
82) 4-Chlorotoluene	12.99	91	189784	21.013 ug/l		100
83) tert-Butylbenzene	13.21	119	181736	21.116 ug/l		100
84) 1,2,4-Trimethylbenzene	13.25	105	221253	21.341 ug/l		99
85) sec-Butylbenzene	13.38	105	265148	21.591 ug/l		100
86) p-Isopropyltoluene	13.50	119	238882	21.439 ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	112098	21.067 ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	109867	20.756 ug/l		99
89) n-Butylbenzene	13.82	91	244774	22.013 ug/l		99
90) Hexachloroethane	14.09	117	40525	20.568 ug/l		98
91) 1,2-Dichlorobenzene	13.87	146	98868	21.008 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7763	19.712 ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68837	20.754 ug/l	98
94) Hexachlorobutadiene	15.24	225	46349	22.408 ug/l	98
95) Naphthalene	15.36	128	115984	19.180 ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	62058	21.345 ug/l	99

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

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