Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007380.D
Acq On : 11 Dec 2018 03:58
Operator : SY/AP
Sample : VW1211SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1211SBSD01

Manual Integrations APPROVED
sam
12/27/2018 8:19:44 AM

Quant Time: Dec 11 04:32:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	85201	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	144708	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	123804	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58524	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	48181	50.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.94%				
35) Dibromofluoromethane	7.88	113	45485	51.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.84%				
50) Toluene-d8	10.32	98	170907	52.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.08%				
62) 4-Bromofluorobenzene	12.62	95	63489	52.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	14055	23.606	ug/l		91
3) Chloromethane	2.22	50	10941	21.942	ug/l		94
4) Vinyl Chloride	2.37	62	13622	23.279	ug/l		99
5) Bromomethane	2.78	94	8175	20.793	ug/l		81
6) Chloroethane	2.93	64	6970	21.638	ug/l		98
7) Trichlorofluoromethane	3.26	101	11354	21.582	ug/l		93
8) Diethyl Ether	3.68	74	8504	20.653	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17444	20.095	ug/l		96
10) Methyl Iodide	4.26	142	30029	20.887	ug/l		99
11) Tert butyl alcohol	5.17	59	8456	130.257	ug/l	#	95
12) 1,1-Dichloroethene	4.04	96	17673	21.145	ug/l		95
13) Acrolein	3.89	56	4834	112.535	ug/l		97
14) Allyl chloride	4.66	41	25574	20.758	ug/l		98
15) Acrylonitrile	5.37	53	17842	102.787	ug/l		99
16) Acetone	4.12	43	16444	99.597	ug/l		94
17) Carbon Disulfide	4.38	76	54119	21.356	ug/l		98
18) Methyl Acetate	4.67	43	10109	22.559	ug/l		98
19) Methyl tert-butyl Ether	5.42	73	27201	21.574	ug/l		96
20) Methylene Chloride	4.91	84	20398	20.262	ug/l		97
21) trans-1,2-Dichloroethene	5.42	96	19129	20.459	ug/l		96
22) Diisopropyl ether	6.31	45	49628	20.957	ug/l		95
23) Vinyl Acetate	6.26	43	134260	101.364	ug/l		99
24) 1,1-Dichloroethane	6.21	63	31880	19.919	ug/l		99
25) 2-Butanone	7.17	43	21402	99.293	ug/l		96
26) 2,2-Dichloropropane	7.17	77	21546	20.341	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	21190	20.698	ug/l		98
28) Bromochloromethane	7.51	49	12240	20.332	ug/l		95
29) Tetrahydrofuran	7.53	42	14673	107.531	ug/l		99
30) Chloroform	7.68	83	36241	20.808	ug/l		100
31) Cyclohexane	7.95	56	30405	20.706	ug/l		95
32) 1,1,1-Trichloroethane	7.87	97	31644	20.718	ug/l		99
36) 1,1-Dichloropropene	8.08	75	27929	21.157	ug/l		99
37) Ethyl Acetate	7.26	43	10276	20.929	ug/l		95
38) Carbon Tetrachloride	8.07	117	30414	21.175	ug/l		98

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Quant Time: Dec 11 04:32:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.34	83	33251	20.802 ug/l		94
40) Benzene	8.32	78	77229	21.081 ug/l		98
41) Methacrylonitrile	7.48	41	5886	21.052 ug/l		95
42) 1,2-Dichloroethane	8.40	62	23828	20.706 ug/l		99
43) Isopropyl Acetate	8.43	43	19999	20.621 ug/l		98
44) Trichloroethene	9.09	130	21610	20.657 ug/l		89
45) 1,2-Dichloropropane	9.37	63	17605	20.766 ug/l		96
46) Dibromomethane	9.46	93	9957	20.682 ug/l		95
47) Bromodichloromethane	9.64	83	26081	20.653 ug/l		97
48) Methyl methacrylate	9.44	41	9517	19.107 ug/l		95
49) 1,4-Dioxane	9.45	88	3365	430.771 ug/l		97
51) 4-Methyl-2-Pentanone	10.21	43	47619	103.915 ug/l		100
52) Toluene	10.39	92	50731	21.398 ug/l		100
53) t-1,3-Dichloropropene	10.60	75	25429	20.742 ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	28545	20.141 ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	13455	20.535 ug/l		92
56) Ethyl methacrylate	10.65	69	17156	21.784 ug/l		95
57) 1,3-Dichloropropane	10.93	76	21937	20.398 ug/l		97
58) 2-Chloroethyl Vinyl ether	9.93	63	31738	87.389 ug/l		99
59) 2-Hexanone	10.97	43	31877	104.323 ug/l		97
60) Dibromochloromethane	11.13	129	17207	20.809 ug/l		100
61) 1,2-Dibromoethane	11.24	107	13133	20.282 ug/l		96
64) Tetrachloroethene	10.87	164	18107	20.338 ug/l		93
65) Chlorobenzene	11.66	112	54692	21.195 ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.73	131	19117	21.035 ug/l		99
67) Ethyl Benzene	11.73	91	97086	21.883 ug/l		94
68) m/p-Xylenes	11.84	106	71986	41.737 ug/l		99
69) o-Xylene	12.17	106	35800	22.225 ug/l		99
70) Styrene	12.18	104	57230	21.997 ug/l		98
71) Bromoform	12.35	173	9182	19.738 ug/l	#	92
73) Isopropylbenzene	12.47	105	93876	20.934 ug/l		98
74) N-amyl acetate	12.27	43	17019	20.883 ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14004	21.085 ug/l		93
76) 1,2,3-Trichloropropane	12.77	75	9270m	19.211 ug/l		
77) Bromobenzene	12.75	156	21168	21.296 ug/l		95
78) n-propylbenzene	12.81	91	111158	22.026 ug/l		99
79) 2-Chlorotoluene	12.90	91	64098	20.991 ug/l		94
80) 1,3,5-Trimethylbenzene	12.95	105	83671	22.206 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	4494	20.573 ug/l		89
82) 4-Chlorotoluene	12.99	91	67131	20.855 ug/l		94
83) tert-Butylbenzene	13.21	119	69864	21.043 ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	85608	22.079 ug/l		93
85) sec-Butylbenzene	13.39	105	99942	22.051 ug/l		95
86) p-Isopropyltoluene	13.50	119	90477	22.221 ug/l		97
87) 1,3-Dichlorobenzene	13.51	146	41984	21.184 ug/l		97
88) 1,4-Dichlorobenzene	13.58	146	44186	22.177 ug/l		95
89) n-Butylbenzene	13.83	91	79678	21.109 ug/l		98
90) Hexachloroethane	14.10	117	15469	21.352 ug/l		100
91) 1,2-Dichlorobenzene	13.88	146	38435	21.653 ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2942	22.073 ug/l		96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27153	22.228	ug/l	94
94) Hexachlorobutadiene	15.24	225	14333	22.114	ug/l	98
95) Naphthalene	15.37	128	50165	21.466	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	23175	21.839	ug/l	97

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

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