Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003454.D
Acq On : 23 Jun 2018 12:36
Operator : SY/AP
Sample : VW0623SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBS01

Manual Integrations APPROVED
apatel
6/25/2018 6:58:34 PM

Quant Time: Jun 25 02:44:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	382676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156879	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.98%			
35) Dibromofluoromethane	7.88	113	140448	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.78%			
50) Toluene-d8	10.33	98	572735	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.88%			
62) 4-Bromofluorobenzene	12.62	95	199287	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	30724	37.53	ug/l	91
3) Chloromethane	2.21	50	46525	22.49	ug/l	96
4) Vinyl Chloride	2.36	62	62506	20.73	ug/l	98
5) Bromomethane	2.78	94	38246	19.08	ug/l	99
6) Chloroethane	2.92	64	41903	19.97	ug/l	95
7) Trichlorofluoromethane	3.26	101	45911	25.42	ug/l	96
8) Diethyl Ether	3.68	74	25887	19.51	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54704	21.81	ug/l	99
10) Methyl Iodide	4.26	142	80915	21.33	ug/l	99
11) Tert butyl alcohol	5.26	59	12523m	79.62	ug/l	
12) 1,1-Dichloroethene	4.03	96	53391	21.78	ug/l	97
13) Acrolein	3.90	56	17539	77.99	ug/l	96
14) Allyl chloride	4.67	41	88356	20.81	ug/l	100
15) Acrylonitrile	5.38	53	53258	97.55	ug/l	99
16) Acetone	4.15	43	60594	98.51	ug/l	100
17) Carbon Disulfide	4.37	76	157808	21.78	ug/l	99
18) Methyl Acetate	4.68	43	26956	18.47	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89285	19.45	ug/l	96
20) Methylene Chloride	4.92	84	58914	20.37	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57139	21.42	ug/l	96
22) Diisopropyl ether	6.32	45	178735	20.92	ug/l	97
23) Vinyl Acetate	6.26	43	486243	98.75	ug/l	100
24) 1,1-Dichloroethane	6.22	63	109685	21.62	ug/l	99
25) 2-Butanone	7.19	43	74106	96.89	ug/l	100
26) 2,2-Dichloropropane	7.17	77	73380	21.67	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61308	20.92	ug/l	97
28) Bromochloromethane	7.51	49	40845	19.35	ug/l	97
29) Tetrahydrofuran	7.54	42	42305	90.50	ug/l	99
30) Chloroform	7.68	83	110022	21.29	ug/l	99
31) Cyclohexane	7.96	56	100957	21.30	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	93364	21.89	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88616	22.08	ug/l	99
37) Ethyl Acetate	7.26	43	32353	19.46	ug/l	98
38) Carbon Tetrachloride	8.07	117	86886	22.07	ug/l	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	100675	21.68	ug/l		99
40) Benzene	8.33	78	239975	21.69	ug/l		100
41) Methacrylonitrile	7.49	41	18729	18.36	ug/l		97
42) 1,2-Dichloroethane	8.40	62	72626	20.96	ug/l		99
43) Isopropyl Acetate	8.43	43	61309	18.57	ug/l		97
44) Trichloroethene	9.10	130	63697	21.73	ug/l		97
45) 1,2-Dichloropropane	9.37	63	60525	21.49	ug/l		99
46) Dibromomethane	9.46	93	30302	21.01	ug/l		99
47) Bromodichloromethane	9.65	83	77788	21.05	ug/l		97
48) Methyl methacrylate	9.44	41	30128	19.42	ug/l		97
49) 1,4-Dioxane	9.50	88	7519	345.35	ug/l		84
51) 4-Methyl-2-Pentanone	10.21	43	159886	95.05	ug/l		99
52) Toluene	10.39	92	154756	21.82	ug/l		100
53) t-1,3-Dichloropropene	10.61	75	76870	20.36	ug/l		99
54) cis-1,3-Dichloropropene	10.08	75	89309	20.78	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	41725	20.53	ug/l		96
56) Ethyl methacrylate	10.65	69	45405	18.40	ug/l		95
57) 1,3-Dichloropropane	10.94	76	71639	20.44	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	110608	100.00	ug/l		99
59) 2-Hexanone	10.98	43	113753	96.80	ug/l		99
60) Dibromochloromethane	11.13	129	48533	20.08	ug/l		99
61) 1,2-Dibromoethane	11.24	107	38414	19.99	ug/l		100
64) Tetrachloroethene	10.87	164	53414	20.87	ug/l		97
65) Chlorobenzene	11.66	112	166759	20.93	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57613	20.57	ug/l		99
67) Ethyl Benzene	11.74	91	299731	21.22	ug/l		100
68) m/p-Xylenes	11.85	106	232288	43.26	ug/l		98
69) o-Xylene	12.17	106	106200	21.34	ug/l		99
70) Styrene	12.19	104	174858	21.11	ug/l		100
71) Bromoform	12.35	173	28138	19.39	ug/l	#	98
73) Isopropylbenzene	12.47	105	301243	21.06	ug/l		99
74) N-amyl acetate	12.28	43	58329	17.91	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47680	19.70	ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	39637m	22.54	ug/l		
77) Bromobenzene	12.76	156	68515	20.56	ug/l		99
78) n-propylbenzene	12.81	91	376567	21.50	ug/l		100
79) 2-Chlorotoluene	12.90	91	209830	21.19	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	260048	21.65	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	13832	18.10	ug/l		93
82) 4-Chlorotoluene	12.99	91	220900	21.03	ug/l		100
83) tert-Butylbenzene	13.21	119	215866	21.09	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	263483	21.33	ug/l		100
85) sec-Butylbenzene	13.39	105	328199	21.57	ug/l		100
86) p-Isopropyltoluene	13.51	119	287724	21.44	ug/l		100
87) 1,3-Dichlorobenzene	13.51	146	144540	21.12	ug/l		99
88) 1,4-Dichlorobenzene	13.59	146	142105	20.88	ug/l		98
89) n-Butylbenzene	13.84	91	281837	21.55	ug/l		100
90) Hexachloroethane	14.10	117	51611	21.26	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	123588	20.61	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7718	18.95	ug/l		97

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86501	20.55	ug/l	98
94) Hexachlorobutadiene	15.25	225	54007	21.33	ug/l	99
95) Naphthalene	15.38	128	133496	18.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73632	19.87	ug/l	99

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

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