Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003455.D
Acq On : 23 Jun 2018 13:02
Operator : SY/AP
Sample : VW0623SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBSD01

Manual Integrations APPROVED
apatel
6/25/2018 6:58:38 PM

Quant Time: Jun 25 02:46:24 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	269819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	382871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151259	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.52%			
35) Dibromofluoromethane	7.88	113	136049	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
50) Toluene-d8	10.33	98	547100	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.46%			
62) 4-Bromofluorobenzene	12.63	95	194091	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	29661	36.36	ug/l	94
3) Chloromethane	2.21	50	45687	22.17	ug/l	93
4) Vinyl Chloride	2.36	62	63770	21.22	ug/l	96
5) Bromomethane	2.78	94	39684	19.87	ug/l	96
6) Chloroethane	2.92	64	42923	20.52	ug/l	97
7) Trichlorofluoromethane	3.25	101	45722	25.40	ug/l	95
8) Diethyl Ether	3.68	74	27151	20.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54607	21.85	ug/l	99
10) Methyl Iodide	4.26	142	80480	21.29	ug/l	99
11) Tert butyl alcohol	5.25	59	13596m	86.74	ug/l	
12) 1,1-Dichloroethene	4.03	96	52803	21.62	ug/l	98
13) Acrolein	3.90	56	16697	74.51	ug/l	94
14) Allyl chloride	4.66	41	89193	21.08	ug/l	100
15) Acrylonitrile	5.38	53	53995	99.25	ug/l	99
16) Acetone	4.15	43	61309	100.02	ug/l	94
17) Carbon Disulfide	4.37	76	156100	21.62	ug/l	97
18) Methyl Acetate	4.68	43	26877	18.48	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	93114	20.35	ug/l	100
20) Methylene Chloride	4.91	84	59773	20.81	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57873	21.77	ug/l	98
22) Diisopropyl ether	6.32	45	180475	21.19	ug/l	98
23) Vinyl Acetate	6.26	43	499933	101.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	110352	21.83	ug/l	97
25) 2-Butanone	7.19	43	74965	98.36	ug/l	96
26) 2,2-Dichloropropane	7.17	77	74290	22.02	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62401	21.37	ug/l	99
28) Bromochloromethane	7.51	49	39802	18.92	ug/l	98
29) Tetrahydrofuran	7.54	42	43594	93.59	ug/l	98
30) Chloroform	7.68	83	110783	21.51	ug/l	99
31) Cyclohexane	7.96	56	100271	21.23	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	92770	21.82	ug/l	100
36) 1,1-Dichloropropene	8.09	75	88190	21.89	ug/l	99
37) Ethyl Acetate	7.27	43	33362	19.99	ug/l	98
38) Carbon Tetrachloride	8.07	117	87080	22.04	ug/l	98

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Quant Time: Jun 25 02:46:24 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)
39) Methylcyclohexane	9.34	83	99337	21.31	ug/l		97
40) Benzene	8.33	78	242526	21.84	ug/l		98
41) Methacrylonitrile	7.49	41	18739	18.30	ug/l		93
42) 1,2-Dichloroethane	8.40	62	73942	21.25	ug/l		99
43) Isopropyl Acetate	8.43	43	64085	19.34	ug/l		99
44) Trichloroethene	9.10	130	63086	21.44	ug/l		98
45) 1,2-Dichloropropane	9.37	63	61142	21.63	ug/l		96
46) Dibromomethane	9.46	93	30367	20.98	ug/l		98
47) Bromodichloromethane	9.65	83	78582	21.18	ug/l		99
48) Methyl methacrylate	9.44	41	30023	19.28	ug/l		100
49) 1,4-Dioxane	9.50	88	7830	358.26	ug/l		78
51) 4-Methyl-2-Pentanone	10.22	43	160546	95.08	ug/l		99
52) Toluene	10.39	92	157490	22.12	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	79646	21.01	ug/l		99
54) cis-1,3-Dichloropropene	10.08	75	91408	21.19	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	42465	20.82	ug/l		94
56) Ethyl methacrylate	10.65	69	47539	19.19	ug/l		99
57) 1,3-Dichloropropane	10.94	76	73770	20.97	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	109798	98.89	ug/l		98
59) 2-Hexanone	10.98	43	116318	98.61	ug/l		98
60) Dibromochloromethane	11.13	129	49556	20.43	ug/l		100
61) 1,2-Dibromoethane	11.24	107	40168	20.82	ug/l		96
64) Tetrachloroethene	10.87	164	54565	21.31	ug/l		99
65) Chlorobenzene	11.66	112	170469	21.38	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.74	131	58701	20.95	ug/l		99
67) Ethyl Benzene	11.74	91	303371	21.47	ug/l		100
68) m/p-Xylenes	11.85	106	235578	43.85	ug/l		99
69) o-Xylene	12.18	106	107248	21.54	ug/l		99
70) Styrene	12.19	104	178128	21.49	ug/l		99
71) Bromoform	12.35	173	29037	20.00	ug/l	#	99
73) Isopropylbenzene	12.48	105	301400	21.13	ug/l		100
74) N-amyl acetate	12.28	43	59912	18.45	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	48667	20.16	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	34437m	19.64	ug/l		
77) Bromobenzene	12.76	156	70976	21.36	ug/l		99
78) n-propylbenzene	12.81	91	378244	21.65	ug/l		100
79) 2-Chlorotoluene	12.90	91	209854	21.26	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	261972	21.88	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	14128	18.54	ug/l		96
82) 4-Chlorotoluene	13.00	91	224894	21.48	ug/l		100
83) tert-Butylbenzene	13.22	119	223937	21.94	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	267378	21.71	ug/l		99
85) sec-Butylbenzene	13.40	105	327662	21.60	ug/l		100
86) p-Isopropyltoluene	13.51	119	287611	21.50	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	146273	21.43	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	144295	21.27	ug/l		99
89) n-Butylbenzene	13.83	91	283281	21.72	ug/l		99
90) Hexachloroethane	14.10	117	53098	21.94	ug/l		98
91) 1,2-Dichlorobenzene	13.88	146	128583	21.51	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7788	19.17	ug/l		98

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QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86349	20.57	ug/l	99
94) Hexachlorobutadiene	15.25	225	53831	21.32	ug/l	100
95) Naphthalene	15.38	128	133233	18.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	74136	20.07	ug/l	100

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

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