Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
Data File : VW006983.D
Acq On : 20 Nov 2018 19:15
Operator : SY/AP
Sample : VW1121SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1121SBSD01

Manual Integrations APPROVED
MMDadoda
11/21/2018 11:32:37 AM

Quant Time: Nov 21 05:37:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	115277	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	182040	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	170422	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86953	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	60760	53.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.68%				
35) Dibromofluoromethane	7.88	113	53304	51.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.70%				
50) Toluene-d8	10.33	98	233376	51.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.82%				
62) 4-Bromofluorobenzene	12.62	95	90580	50.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	24690	21.69	ug/l		98
3) Chloromethane	2.21	50	20006	21.09	ug/l		99
4) Vinyl Chloride	2.36	62	19437	20.83	ug/l		94
5) Bromomethane	2.78	94	10317	20.71	ug/l		86
6) Chloroethane	2.92	64	10512	20.43	ug/l		98
7) Trichlorofluoromethane	3.26	101	38264	20.85	ug/l		99
8) Diethyl Ether	3.69	74	12802	21.65	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	25367	21.32	ug/l		99
10) Methyl Iodide	4.28	142	24615	18.07	ug/l		99
11) Tert butyl alcohol	5.21	59	8305	113.04	ug/l	#	71
12) 1,1-Dichloroethene	4.04	96	22210	21.29	ug/l		99
13) Acrolein	3.90	56	8271	109.62	ug/l		93
14) Allyl chloride	4.67	41	35046	20.25	ug/l		100
15) Acrylonitrile	5.37	53	24291	109.30	ug/l		100
16) Acetone	4.14	43	17608	107.46	ug/l		96
17) Carbon Disulfide	4.39	76	65771	19.50	ug/l		97
18) Methyl Acetate	4.68	43	12433	21.31	ug/l		98
19) Methyl tert-butyl Ether	5.43	73	61201	22.46	ug/l		94
20) Methylene Chloride	4.92	84	27565	17.61	ug/l		99
21) trans-1,2-Dichloroethene	5.43	96	25168	20.71	ug/l		95
22) Diisopropyl ether	6.32	45	71821	21.32	ug/l		97
23) Vinyl Acetate	6.26	43	200718	112.21	ug/l		99
24) 1,1-Dichloroethane	6.23	63	41446	20.23	ug/l		99
25) 2-Butanone	7.18	43	31272	111.43	ug/l		98
26) 2,2-Dichloropropane	7.17	77	38958	21.14	ug/l		99
27) cis-1,2-Dichloroethene	7.17	96	26525	20.49	ug/l		97
28) Bromochloromethane	7.51	49	15695	20.49	ug/l		98
29) Tetrahydrofuran	7.53	42	20291	111.64	ug/l		99
30) Chloroform	7.68	83	44524	20.45	ug/l		100
31) Cyclohexane	7.96	56	46643	21.46	ug/l		98
32) 1,1,1-Trichloroethane	7.88	97	43662	22.27	ug/l		98
36) 1,1-Dichloropropene	8.09	75	37956	21.34	ug/l		99
37) Ethyl Acetate	7.26	43	14353	22.27	ug/l		100
38) Carbon Tetrachloride	8.07	117	36385	21.36	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	44422	19.95	ug/l		98
40) Benzene	8.32	78	99649	20.75	ug/l		100
41) Methacrylonitrile	7.48	41	9564	23.89	ug/l		92
42) 1,2-Dichloroethane	8.40	62	29615	21.24	ug/l		99
43) Isopropyl Acetate	8.43	43	26826	21.84	ug/l		99
44) Trichloroethene	9.09	130	28637	21.27	ug/l		98
45) 1,2-Dichloropropane	9.37	63	25446	21.50	ug/l		96
46) Dibromomethane	9.46	93	12387	20.90	ug/l		97
47) Bromodichloromethane	9.65	83	34358	22.00	ug/l		98
48) Methyl methacrylate	9.44	41	12126	20.47	ug/l		95
49) 1,4-Dioxane	9.47	88	3487	395.78	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.21	43	66713	107.46	ug/l		100
52) Toluene	10.39	92	67492	20.65	ug/l		99
53) t-1,3-Dichloropropene	10.61	75	32520	21.49	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	39135	21.41	ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	18826	21.59	ug/l		96
56) Ethyl methacrylate	10.65	69	21550	21.29	ug/l		96
57) 1,3-Dichloropropane	10.93	76	31331	21.44	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	60253	113.90	ug/l		99
59) 2-Hexanone	10.97	43	46358	109.05	ug/l		99
60) Dibromochloromethane	11.13	129	21317	21.45	ug/l		98
61) 1,2-Dibromoethane	11.24	107	17614	22.08	ug/l		97
64) Tetrachloroethene	10.87	164	22735	20.74	ug/l		94
65) Chlorobenzene	11.66	112	74357	20.90	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22943	21.32	ug/l		100
67) Ethyl Benzene	11.73	91	134038	20.51	ug/l		98
68) m/p-Xylenes	11.84	106	106768	41.65	ug/l		98
69) o-Xylene	12.17	106	50132	20.74	ug/l		100
70) Styrene	12.18	104	80800	21.00	ug/l		99
71) Bromoform	12.35	173	11231	22.16	ug/l	#	100
73) Isopropylbenzene	12.47	105	137099	20.29	ug/l		99
74) N-amyl acetate	12.27	43	24508	21.64	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19538	21.72	ug/l		98
76) 1,2,3-Trichloropropane	12.77	75	15057m	22.04	ug/l		
77) Bromobenzene	12.75	156	29605	20.40	ug/l		99
78) n-propylbenzene	12.81	91	164518	20.10	ug/l		99
79) 2-Chlorotoluene	12.90	91	95504	20.23	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	118296	20.24	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	5539	20.35	ug/l		93
82) 4-Chlorotoluene	12.99	91	100967	20.38	ug/l		99
83) tert-Butylbenzene	13.21	119	102598	20.28	ug/l		99
84) 1,2,4-Trimethylbenzene	13.26	105	117054	20.10	ug/l		98
85) sec-Butylbenzene	13.39	105	144291	20.19	ug/l		100
86) p-Isopropyltoluene	13.51	119	127426	20.21	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	60937	20.56	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	60510	20.48	ug/l		98
89) n-Butylbenzene	13.83	91	120251	20.26	ug/l		98
90) Hexachloroethane	14.10	117	18020	19.57	ug/l		98
91) 1,2-Dichlorobenzene	13.88	146	54125	20.85	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3306	21.77	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34252	20.01	ug/l	100
94) Hexachlorobutadiene	15.24	225	18258	19.62	ug/l	98
95) Naphthalene	15.38	128	61883	19.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28763	20.25	ug/l	100

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

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