Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110818\
Data File : VW006761.D
Acq On : 08 Nov 2018 13:14
Operator : SY/AP
Sample : VW1108SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Manual Integrations APPROVED
MMDadoda
11/9/2018 1:37:38 PM

Quant Time: Nov 09 11:28:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123260	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.60%			
35) Dibromofluoromethane	7.88	113	136118	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
50) Toluene-d8	10.33	98	519163	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
62) 4-Bromofluorobenzene	12.62	95	182844	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	38613	24.052	ug/l	93
3) Chloromethane	2.21	50	41981	21.135	ug/l	95
4) Vinyl Chloride	2.37	62	62434	22.511	ug/l	98
5) Bromomethane	2.79	94	52535	22.571	ug/l	100
6) Chloroethane	2.93	64	43237	22.312	ug/l	98
7) Trichlorofluoromethane	3.26	101	56666	23.137	ug/l	99
8) Diethyl Ether	3.68	74	25281	18.883	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61507	23.518	ug/l	99
10) Methyl Iodide	4.26	142	98056	20.678	ug/l	99
11) Tert butyl alcohol	5.21	59	13729	95.722	ug/l	100
12) 1,1-Dichloroethene	4.03	96	56004	22.171	ug/l	97
13) Acrolein	3.89	56	14162	78.508	ug/l	98
14) Allyl chloride	4.67	41	68993	20.925	ug/l	100
15) Acrylonitrile	5.37	53	47877	99.735	ug/l	99
16) Acetone	4.14	43	59495	138.433	ug/l	100
17) Carbon Disulfide	4.37	76	160312	22.302	ug/l	99
18) Methyl Acetate	4.68	43	22441	18.159	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	74329	19.769	ug/l	99
20) Methylene Chloride	4.91	84	60228	17.774	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	61130	21.387	ug/l	97
22) Diisopropyl ether	6.31	45	143521	20.879	ug/l	97
23) Vinyl Acetate	6.26	43	382604	100.371	ug/l	100
24) 1,1-Dichloroethane	6.21	63	98201	21.079	ug/l	99
25) 2-Butanone	7.18	43	69491	113.312	ug/l	100
26) 2,2-Dichloropropane	7.17	77	69387	24.725	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	66288	20.730	ug/l	99
28) Bromochloromethane	7.51	49	37398	20.216	ug/l	100
29) Tetrahydrofuran	7.54	42	37211	96.468	ug/l	99
30) Chloroform	7.68	83	106580	20.867	ug/l	99
31) Cyclohexane	7.96	56	91257	21.522	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	96872	22.414	ug/l	99
36) 1,1-Dichloropropene	8.09	75	84719	22.533	ug/l	100
37) Ethyl Acetate	7.26	43	27278	20.936	ug/l	99
38) Carbon Tetrachloride	8.07	117	93089	23.694	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	106925	22.410	ug/l		99
40) Benzene	8.32	78	239568	22.433	ug/l		99
41) Methacrylonitrile	7.49	41	15326	19.182	ug/l		98
42) 1,2-Dichloroethane	8.40	62	64420	21.034	ug/l		100
43) Isopropyl Acetate	8.43	43	51960	19.985	ug/l		100
44) Trichloroethene	9.09	130	73068	22.172	ug/l		99
45) 1,2-Dichloropropane	9.37	63	55842	22.469	ug/l		97
46) Dibromomethane	9.46	93	31163	21.331	ug/l		98
47) Bromodichloromethane	9.65	83	74573	21.984	ug/l		98
48) Methyl methacrylate	9.44	41	24703	19.720	ug/l		97
49) 1,4-Dioxane	9.48	88	8746	409.062	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.21	43	136547	102.258	ug/l		100
52) Toluene	10.39	92	158725	22.160	ug/l		100
53) t-1,3-Dichloropropene	10.61	75	71107	21.781	ug/l		98
54) cis-1,3-Dichloropropene	10.07	75	84286	21.848	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	44203	21.325	ug/l		97
56) Ethyl methacrylate	10.65	69	47207	20.037	ug/l		97
57) 1,3-Dichloropropane	10.93	76	72003	21.391	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	115126	100.522	ug/l		99
59) 2-Hexanone	10.98	43	104814	115.569	ug/l		97
60) Dibromochloromethane	11.13	129	53273	21.691	ug/l		98
61) 1,2-Dibromoethane	11.24	107	43637	21.199	ug/l		99
64) Tetrachloroethene	10.87	164	65670	20.923	ug/l		99
65) Chlorobenzene	11.66	112	184534	22.272	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	64859	22.271	ug/l		100
67) Ethyl Benzene	11.74	91	305935	22.091	ug/l		99
68) m/p-Xylenes	11.84	106	245115	44.301	ug/l		99
69) o-Xylene	12.17	106	114456	21.729	ug/l		99
70) Styrene	12.19	104	186001	21.659	ug/l		100
71) Bromoform	12.35	173	32979	21.363	ug/l	#	100
73) Isopropylbenzene	12.47	105	324875	21.822	ug/l		99
74) N-amyl acetate	12.28	43	49578	19.272	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.72	83	49025	20.850	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	31106m	17.641	ug/l		
77) Bromobenzene	12.75	156	81854	21.236	ug/l		99
78) n-propylbenzene	12.81	91	380914	22.245	ug/l		99
79) 2-Chlorotoluene	12.90	91	210476	21.417	ug/l		100
80) 1,3,5-Trimethylbenzene	12.95	105	273358	21.856	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	13112	20.894	ug/l		97
82) 4-Chlorotoluene	12.99	91	227053	21.839	ug/l		99
83) tert-Butylbenzene	13.21	119	242636	21.754	ug/l		100
84) 1,2,4-Trimethylbenzene	13.26	105	281639	21.954	ug/l		100
85) sec-Butylbenzene	13.39	105	346731	22.196	ug/l		100
86) p-Isopropyltoluene	13.51	119	314508	22.126	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	166447	21.927	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	163725	21.759	ug/l		99
89) n-Butylbenzene	13.83	91	285369	22.616	ug/l		99
90) Hexachloroethane	14.10	117	52104	22.303	ug/l		100
91) 1,2-Dichlorobenzene	13.88	146	146589	21.468	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7387	19.361	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	108422	21.354	ug/l	100
94) Hexachlorobutadiene	15.24	225	71765	22.679	ug/l	100
95) Naphthalene	15.38	128	160398	19.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	94198	21.110	ug/l	100

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

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