Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
Data File : VW006043.D
Acq On : 12 Oct 2018 12:24
Operator : VA/AP
Sample : VW1013SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Manual Integrations APPROVED
apatel
10/15/2018 10:03:20 AM

Quant Time: Oct 15 08:44:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	370424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109113	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.24%			
35) Dibromofluoromethane	7.88	113	115820	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.94%			
50) Toluene-d8	10.33	98	448990	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
62) 4-Bromofluorobenzene	12.62	95	162698	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	25952m	20.32	ug/l	
3) Chloromethane	2.21	50	29413	19.58	ug/l	97
4) Vinyl Chloride	2.37	62	46228	19.38	ug/l	100
5) Bromomethane	2.78	94	38807	20.62	ug/l	95
6) Chloroethane	2.93	64	30739	20.23	ug/l	98
7) Trichlorofluoromethane	3.26	101	42866	22.64	ug/l	97
8) Diethyl Ether	3.68	74	21828	18.73	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46268	19.36	ug/l	99
10) Methyl Iodide	4.27	142	73604	18.84	ug/l	100
11) Tert butyl alcohol	5.18	59	14496	78.17	ug/l	97
12) 1,1-Dichloroethene	4.03	96	42902	18.70	ug/l	97
13) Acrolein	3.89	56	13671	82.73	ug/l	100
14) Allyl chloride	4.67	41	61574	15.74	ug/l	97
15) Acrylonitrile	5.37	53	40622	80.11	ug/l	99
16) Acetone	4.12	43	49678	98.30	ug/l	99
17) Carbon Disulfide	4.37	76	112258	16.18	ug/l	99
18) Methyl Acetate	4.67	43	17705	13.88	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63596	17.82	ug/l	98
20) Methylene Chloride	4.91	84	52901	20.89	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46081	18.43	ug/l	96
22) Diisopropyl ether	6.31	45	123717	16.91	ug/l	97
23) Vinyl Acetate	6.26	43	352187	78.23	ug/l	97
24) 1,1-Dichloroethane	6.21	63	79975	17.87	ug/l	100
25) 2-Butanone	7.18	43	59452	82.71	ug/l	96
26) 2,2-Dichloropropane	7.17	77	58942	18.71	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52592	18.60	ug/l	97
28) Bromochloromethane	7.51	49	28601	17.31	ug/l	89
29) Tetrahydrofuran	7.53	42	33412	73.53	ug/l	95
30) Chloroform	7.68	83	85202	18.53	ug/l	97
31) Cyclohexane	7.95	56	75996	17.16	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	76369	18.65	ug/l	100
36) 1,1-Dichloropropene	8.08	75	67807	19.10	ug/l	99
37) Ethyl Acetate	7.26	43	24051	16.00	ug/l	98
38) Carbon Tetrachloride	8.07	117	73022	19.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	88190	18.84	ug/l		95
40) Benzene	8.32	78	185120	19.06	ug/l		99
41) Methacrylonitrile	7.49	41	14764	15.69	ug/l		97
42) 1,2-Dichloroethane	8.40	62	53048	18.07	ug/l		99
43) Isopropyl Acetate	8.43	43	48763	15.53	ug/l		97
44) Trichloroethene	9.10	130	56835	20.16	ug/l		99
45) 1,2-Dichloropropane	9.37	63	44642	18.36	ug/l		99
46) Dibromomethane	9.46	93	24591	18.40	ug/l		98
47) Bromodichloromethane	9.65	83	59209	17.61	ug/l		97
48) Methyl methacrylate	9.44	41	22797	15.24	ug/l		94
49) 1,4-Dioxane	9.45	88	7150	352.21	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.21	43	121499	79.47	ug/l		98
52) Toluene	10.39	92	125168	19.61	ug/l		100
53) t-1,3-Dichloropropene	10.61	75	58817	16.74	ug/l		99
54) cis-1,3-Dichloropropene	10.08	75	67907	17.19	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	34590	18.69	ug/l		98
56) Ethyl methacrylate	10.65	69	41121	16.48	ug/l		93
57) 1,3-Dichloropropane	10.94	76	56221	18.05	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	89157	87.83	ug/l		98
59) 2-Hexanone	10.98	43	91970	83.89	ug/l		98
60) Dibromochloromethane	11.13	129	42039	17.60	ug/l		100
61) 1,2-Dibromoethane	11.24	107	33528	18.13	ug/l		99
64) Tetrachloroethene	10.87	164	50101	20.13	ug/l		98
65) Chlorobenzene	11.66	112	143124	20.00	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	50399	19.21	ug/l		98
67) Ethyl Benzene	11.74	91	252854	20.00	ug/l		100
68) m/p-Xylenes	11.85	106	197660	40.01	ug/l		99
69) o-Xylene	12.17	106	93387	19.75	ug/l		98
70) Styrene	12.19	104	152771	19.47	ug/l		98
71) Bromoform	12.35	173	25565	16.36	ug/l	#	100
73) Isopropylbenzene	12.47	105	265175	19.25	ug/l		100
74) N-amyl acetate	12.28	43	48118	14.71	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39028	17.29	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	27198m	16.15	ug/l		
77) Bromobenzene	12.76	156	63376	19.42	ug/l		94
78) n-propylbenzene	12.81	91	313262	19.34	ug/l		100
79) 2-Chlorotoluene	12.90	91	173988	19.02	ug/l		98
80) 1,3,5-Trimethylbenzene	12.95	105	225194	19.37	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.52	75	10675	13.38	ug/l		93
82) 4-Chlorotoluene	12.99	91	182580	18.97	ug/l		98
83) tert-Butylbenzene	13.21	119	204555	19.78	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	228078	19.45	ug/l		100
85) sec-Butylbenzene	13.39	105	291382	20.07	ug/l		100
86) p-Isopropyltoluene	13.51	119	262893	20.14	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	130523	20.13	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	129510	20.10	ug/l		99
89) n-Butylbenzene	13.83	91	245314	19.94	ug/l		99
90) Hexachloroethane	14.10	117	42066	17.13	ug/l		97
91) 1,2-Dichlorobenzene	13.88	146	113695	19.75	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6283	14.94	ug/l		93

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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	15.15	180	85445	19.15	ug/l	99
94) Hexachlorobutadiene	15.24	225	54931	19.72	ug/l	99
95) Naphthalene	15.38	128	134772	17.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72054	18.65	ug/l	99

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

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