Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111219\
Data File : VW013975.D
Acq On : 12 Nov 2019 15:11
Operator : SY/VA
Sample : VW1112SBS01
Misc : 5.00G/5.0ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW1112SBS01

Manual Integrations APPROVED
MMDadoda
11/13/2019 9:33:21 AM

Quant Time: Nov 13 07:07:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	163886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	99813	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.38%			
35) Dibromofluoromethane	7.88	113	100531	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.74%			
50) Toluene-d8	10.32	98	415651	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.16%			
62) 4-Bromofluorobenzene	12.62	95	140959	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32902	24.029	ug/l	94
3) Chloromethane	2.21	50	30446	20.690	ug/l	95
4) Vinyl Chloride	2.36	62	50571	22.756	ug/l	97
5) Bromomethane	2.77	94	32349	22.133	ug/l	100
6) Chloroethane	2.92	64	28988	21.557	ug/l	91
7) Trichlorofluoromethane	3.25	101	26215	18.886	ug/l	93
8) Diethyl Ether	3.67	74	24149	21.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50231	22.260	ug/l	97
10) Methyl Iodide	4.27	142	79882	21.724	ug/l	99
11) Tert butyl alcohol	5.16	59	17062	146.591	ug/l	96
12) 1,1-Dichloroethene	4.04	96	50267	21.565	ug/l	96
13) Acrolein	3.89	56	11095	83.204	ug/l	91
14) Allyl chloride	4.66	41	75757	21.136	ug/l	100
15) Acrylonitrile	5.35	53	49806	109.222	ug/l	97
16) Acetone	4.12	43	44510	107.669	ug/l	95
17) Carbon Disulfide	4.38	76	145312	21.707	ug/l	100
18) Methyl Acetate	4.67	43	28746	25.367	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	59373	21.226	ug/l	97
20) Methylene Chloride	4.92	84	56996	22.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	54559	21.747	ug/l	96
22) Diisopropyl ether	6.31	45	141326	21.616	ug/l	97
23) Vinyl Acetate	6.25	43	401473	105.830	ug/l	98
24) 1,1-Dichloroethane	6.21	63	87956	21.242	ug/l	99
25) 2-Butanone	7.16	43	68292	114.905	ug/l	94
26) 2,2-Dichloropropane	7.16	77	53141	22.195	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	57706	21.656	ug/l	97
28) Bromochloromethane	7.51	49	23560	16.883	ug/l #	95
29) Tetrahydrofuran	7.52	42	43153	117.278	ug/l	98
30) Chloroform	7.67	83	90416	22.089	ug/l	97
31) Cyclohexane	7.95	56	88244	20.365	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	70377	21.910	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74035	21.254	ug/l	98
37) Ethyl Acetate	7.25	43	28979	21.733	ug/l	98
38) Carbon Tetrachloride	8.07	117	66603	21.233	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	90583	20.137	ug/l		97
40) Benzene	8.32	78	212456	21.552	ug/l		98
41) Methacrylonitrile	7.48	41	15717	18.902	ug/l		93
42) 1,2-Dichloroethane	8.40	62	53303	21.457	ug/l		99
43) Isopropyl Acetate	8.42	43	55808	21.865	ug/l		99
44) Trichloroethene	9.09	130	59974	21.239	ug/l		97
45) 1,2-Dichloropropane	9.37	63	50068	21.264	ug/l		93
46) Dibromomethane	9.46	93	24699	21.612	ug/l		99
47) Bromodichloromethane	9.64	83	63140	21.353	ug/l		94
48) Methyl methacrylate	9.43	41	27667	21.859	ug/l		99
49) 1,4-Dioxane	9.44	88	9306	551.049	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.21	43	139318	109.845	ug/l		100
52) Toluene	10.38	92	133497	20.994	ug/l		97
53) t-1,3-Dichloropropene	10.60	75	62693	20.943	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	77389	20.954	ug/l		98
55) 1,1,2-Trichloroethane	10.79	97	36775	21.591	ug/l		97
56) Ethyl methacrylate	10.65	69	45665	21.429	ug/l		99
57) 1,3-Dichloropropane	10.93	76	61441	21.021	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	98027	99.952	ug/l		98
59) 2-Hexanone	10.96	43	94006	107.513	ug/l		99
60) Dibromochloromethane	11.13	129	42733	21.131	ug/l		99
61) 1,2-Dibromoethane	11.23	107	34370	21.330	ug/l		99
64) Tetrachloroethene	10.86	164	51262	20.844	ug/l		97
65) Chlorobenzene	11.66	112	137982	20.861	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47838	20.723	ug/l		99
67) Ethyl Benzene	11.73	91	251663	21.100	ug/l		98
68) m/p-Xylenes	11.84	106	196767	42.701	ug/l		99
69) o-Xylene	12.16	106	89689	21.175	ug/l		100
70) Styrene	12.18	104	152512	20.957	ug/l		99
71) Bromoform	12.35	173	24534	20.252	ug/l	#	99
73) Isopropylbenzene	12.46	105	250963	21.324	ug/l		100
74) N-amyl acetate	12.27	43	49318	21.662	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.71	83	40070	21.575	ug/l		100
76) 1,2,3-Trichloropropane	12.76	75	30279m	25.727	ug/l		
77) Bromobenzene	12.74	156	59055	21.005	ug/l		98
78) n-propylbenzene	12.80	91	290855	21.352	ug/l		99
79) 2-Chlorotoluene	12.89	91	164187	21.448	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	211824	21.321	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.51	75	12959	20.809	ug/l		96
82) 4-Chlorotoluene	12.99	91	173179	21.548	ug/l		100
83) tert-Butylbenzene	13.21	119	184674	20.941	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	208321	21.256	ug/l		99
85) sec-Butylbenzene	13.38	105	254635	21.115	ug/l		99
86) p-Isopropyltoluene	13.50	119	238095	21.195	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	115583	21.218	ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	114149	21.093	ug/l		98
89) n-Butylbenzene	13.82	91	208170	20.530	ug/l		99
90) Hexachloroethane	14.09	117	39916	20.443	ug/l		99
91) 1,2-Dichlorobenzene	13.87	146	100530	21.284	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5824	20.738	ug/l		96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65562	19.073	ug/l	99
94) Hexachlorobutadiene	15.24	225	47024	20.264	ug/l	98
95) Naphthalene	15.36	128	99481	18.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	55328	18.680	ug/l	98

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

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