Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\

Quantitation Report (QT Reviewed)

Data File : VW009015.D
Acq On : 06 Mar 2019 12:08
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTDICCC050

Manual Integrations APPROVED
MMDadoda
3/8/2019 12:07:05 AM

Quant Time: Mar 07 07:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146424	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.60%			
35) Dibromofluoromethane	7.88	113	132101	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.82%			
50) Toluene-d8	10.32	98	571330	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.06%			
62) 4-Bromofluorobenzene	12.62	95	215021	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	135978	43.426	ug/l	100
3) Chloromethane	2.21	50	184860	46.870	ug/l	100
4) Vinyl Chloride	2.35	62	181547	45.934	ug/l	100
5) Bromomethane	2.77	94	174231	50.200	ug/l	100
6) Chloroethane	2.92	64	130105	46.427	ug/l	100
7) Trichlorofluoromethane	3.26	101	229130	45.005	ug/l	100
8) Diethyl Ether	3.68	74	68280	42.964	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139271	44.083	ug/l	100
10) Methyl Iodide	4.27	142	164065	55.014	ug/l	100
11) Tert butyl alcohol	5.20	59	43720	189.010	ug/l	100
12) 1,1-Dichloroethene	4.04	96	126305	45.881	ug/l	100
13) Acrolein	3.90	56	55104	212.505	ug/l	100
14) Allyl chloride	4.67	41	219579	46.136	ug/l	100
15) Acrylonitrile	5.38	53	152839	224.636	ug/l	100
16) Acetone	4.14	43	149230	229.880	ug/l	100
17) Carbon Disulfide	4.38	76	444189	48.146	ug/l	100
18) Methyl Acetate	4.67	43	66899	45.181	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	327400	45.942	ug/l	100
20) Methylene Chloride	4.92	84	155093	40.808	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	143204	45.477	ug/l	100
22) Diisopropyl ether	6.31	45	444473	46.768	ug/l	100
23) Vinyl Acetate	6.26	43	1356158	229.113	ug/l	100
24) 1,1-Dichloroethane	6.22	63	253228	45.825	ug/l	100
25) 2-Butanone	7.18	43	205303	222.195	ug/l	100
26) 2,2-Dichloropropane	7.16	77	228660	45.236	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	152398	45.973	ug/l	100
28) Bromochloromethane	7.51	49	111412	46.446	ug/l	100
29) Tetrahydrofuran	7.53	42	126669	218.215	ug/l	100
30) Chloroform	7.68	83	260504	46.044	ug/l	100
31) Cyclohexane	7.95	56	254164	44.726	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	238651	45.924	ug/l	100
36) 1,1-Dichloropropene	8.08	75	210625	48.179	ug/l	100
37) Ethyl Acetate	7.25	43	88937	45.994	ug/l	100
38) Carbon Tetrachloride	8.07	117	216327	47.817	ug/l	100

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Manual Integrations APPROVED
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Quant Time: Mar 07 07:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.34	83	266288	50.422 ug/l		100
40) Benzene	8.32	78	581337	49.301 ug/l		100
41) Methacrylonitrile	7.48	41	48737	42.492 ug/l		100
42) 1,2-Dichloroethane	8.40	62	173676	45.890 ug/l		100
43) Isopropyl Acetate	8.43	43	179018	47.095 ug/l		100
44) Trichloroethene	9.09	130	157738	47.975 ug/l		100
45) 1,2-Dichloropropane	9.37	63	139596	47.754 ug/l		100
46) Dibromomethane	9.46	93	75921	47.077 ug/l		100
47) Bromodichloromethane	9.64	83	189300	46.823 ug/l		100
48) Methyl methacrylate	9.44	41	90404	50.332 ug/l		100
49) 1,4-Dioxane	9.46	88	21182	960.802 ug/l	#	100
51) 4-Methyl-2-Pentanone	10.21	43	472557	245.838 ug/l		100
52) Toluene	10.39	92	401381	50.423 ug/l		100
53) t-1,3-Dichloropropene	10.60	75	197340	49.207 ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	221038	48.280 ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	102849	46.955 ug/l		100
56) Ethyl methacrylate	10.65	69	137062	50.587 ug/l		100
57) 1,3-Dichloropropane	10.93	76	182464	47.371 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.92	63	356339	247.855 ug/l		100
59) 2-Hexanone	10.97	43	343409	254.127 ug/l		100
60) Dibromochloromethane	11.13	129	127858	48.058 ug/l		100
61) 1,2-Dibromoethane	11.24	107	99454	47.904 ug/l		100
64) Tetrachloroethene	10.86	164	147183	49.491 ug/l		100
65) Chlorobenzene	11.66	112	440137	49.232 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	142433	47.440 ug/l		100
67) Ethyl Benzene	11.73	91	814312	50.237 ug/l		100
68) m/p-Xylenes	11.84	106	635383	99.342 ug/l		100
69) o-Xylene	12.16	106	298328	49.965 ug/l		100
70) Styrene	12.18	104	480773	49.705 ug/l		100
71) Bromoform	12.35	173	78065	48.800 ug/l	#	100
73) Isopropylbenzene	12.46	105	827368	50.897 ug/l		100
74) N-amyl acetate	12.27	43	197263	50.972 ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.71	83	121885	48.072 ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	87154m	33.956 ug/l		
77) Bromobenzene	12.75	156	184100	50.028 ug/l		100
78) n-propylbenzene	12.80	91	1025838	51.404 ug/l		100
79) 2-Chlorotoluene	12.89	91	564880	50.131 ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	708914	50.816 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	39212	50.495 ug/l		100
82) 4-Chlorotoluene	12.99	91	601208	50.160 ug/l		100
83) tert-Butylbenzene	13.21	119	608429	50.616 ug/l		100
84) 1,2,4-Trimethylbenzene	13.26	105	725017	50.765 ug/l		100
85) sec-Butylbenzene	13.38	105	895912	51.093 ug/l		100
86) p-Isopropyltoluene	13.50	119	810879	51.376 ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	393711	49.976 ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	382576	48.963 ug/l		100
89) n-Butylbenzene	13.83	91	773584	51.771 ug/l		100
90) Hexachloroethane	14.10	117	137698	50.925 ug/l		100
91) 1,2-Dichlorobenzene	13.87	146	343779	49.876 ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22464	48.474 ug/l		100

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	241367	51.139	ug/l	100
94) Hexachlorobutadiene	15.24	225	150996	50.331	ug/l	100
95) Naphthalene	15.37	128	401091	52.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	208058	50.914	ug/l	100

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

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