Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070819\
Data File : VW011161.D
Acq On : 08 Jul 2019 13:30
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW070819

Manual Integrations APPROVED
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7/9/2019 4:13:06 PM

Quant Time: Jul 09 07:00:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 06:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146779	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
35) Dibromofluoromethane	7.88	113	117596	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
50) Toluene-d8	10.32	98	481238	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
62) 4-Bromofluorobenzene	12.62	95	172441	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	86976	47.568	ug/l	98
3) Chloromethane	2.21	50	115294	48.935	ug/l	96
4) Vinyl Chloride	2.36	62	148303	48.091	ug/l	97
5) Bromomethane	2.77	94	77586	50.069	ug/l	96
6) Chloroethane	2.92	64	82800	49.850	ug/l	99
7) Trichlorofluoromethane	3.24	101	60323	55.064	ug/l	95
8) Diethyl Ether	3.67	74	75320	49.690	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	129738	49.441	ug/l	100
10) Methyl Iodide	4.27	142	178069	49.339	ug/l	99
11) Tert butyl alcohol	5.16	59	53424	234.235	ug/l	98
12) 1,1-Dichloroethene	4.04	96	134367	49.335	ug/l	97
13) Acrolein	3.89	56	42621	234.675	ug/l	99
14) Allyl chloride	4.66	41	255528	51.450	ug/l	99
15) Acrylonitrile	5.36	53	184845	239.441	ug/l	99
16) Acetone	4.12	43	208894	281.820	ug/l	99
17) Carbon Disulfide	4.38	76	412816	49.996	ug/l	99
18) Methyl Acetate	4.67	43	89493	42.237	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	201171	48.680	ug/l	99
20) Methylene Chloride	4.92	84	139830	47.820	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	139740	49.378	ug/l	97
22) Diisopropyl ether	6.31	45	521286	48.800	ug/l	98
23) Vinyl Acetate	6.24	43	1733564	262.231	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276941	49.372	ug/l	99
25) 2-Butanone	7.17	43	295719	254.155	ug/l	98
26) 2,2-Dichloropropane	7.17	77	148878	51.059	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	150518	49.305	ug/l	99
28) Bromochloromethane	7.51	49	107485	42.142	ug/l #	99
29) Tetrahydrofuran	7.52	42	183500	240.516	ug/l	99
30) Chloroform	7.67	83	248394	47.816	ug/l	99
31) Cyclohexane	7.95	56	289380	48.493	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	196982	49.848	ug/l	99
36) 1,1-Dichloropropene	8.08	75	214770	50.638	ug/l	100
37) Ethyl Acetate	7.24	43	123912	48.625	ug/l	99
38) Carbon Tetrachloride	8.07	117	184779	51.392	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.33	83	268528	52.236	ug/l		98
40) Benzene	8.32	78	580397	49.516	ug/l		99
41) Methacrylonitrile	7.48	41	80439	55.191	ug/l		89
42) 1,2-Dichloroethane	8.40	62	183983	48.387	ug/l		99
43) Isopropyl Acetate	8.42	43	238945	49.665	ug/l		99
44) Trichloroethene	9.09	130	141072	50.014	ug/l		99
45) 1,2-Dichloropropane	9.37	63	157280	49.551	ug/l		99
46) Dibromomethane	9.45	93	72779	48.811	ug/l		99
47) Bromodichloromethane	9.64	83	189592	49.696	ug/l		98
48) Methyl methacrylate	9.43	41	113418	49.001	ug/l		98
49) 1,4-Dioxane	9.45	88	23688	951.786	ug/l		95
51) 4-Methyl-2-Pentanone	10.21	43	619285	246.412	ug/l		100
52) Toluene	10.38	92	360789	50.742	ug/l		99
53) t-1,3-Dichloropropene	10.60	75	207159	51.013	ug/l		98
54) cis-1,3-Dichloropropene	10.07	75	241251	50.472	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	102277	48.352	ug/l		98
56) Ethyl methacrylate	10.65	69	162403	50.429	ug/l		99
57) 1,3-Dichloropropane	10.93	76	194399	48.600	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	313840	210.208	ug/l		99
59) 2-Hexanone	10.97	43	446599	256.237	ug/l		100
60) Dibromochloromethane	11.13	129	116628	50.281	ug/l		98
61) 1,2-Dibromoethane	11.23	107	98232	49.027	ug/l		100
64) Tetrachloroethene	10.86	164	116758	49.917	ug/l		98
65) Chlorobenzene	11.66	112	357507	50.728	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	125334	50.509	ug/l		100
67) Ethyl Benzene	11.73	91	695752	51.570	ug/l		99
68) m/p-Xylenes	11.84	106	504241	103.290	ug/l		100
69) o-Xylene	12.16	106	235088	51.093	ug/l		99
70) Styrene	12.18	104	411368	51.804	ug/l		99
71) Bromoform	12.35	173	65575	49.703	ug/l	#	99
73) Isopropylbenzene	12.46	105	656528	52.465	ug/l		99
74) N-amyl acetate	12.27	43	222764	51.114	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.71	83	126803	49.433	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	89765m	46.402	ug/l		
77) Bromobenzene	12.75	156	141197	50.278	ug/l		99
78) n-propylbenzene	12.80	91	811996	52.675	ug/l		100
79) 2-Chlorotoluene	12.89	91	454628	51.251	ug/l		99
80) 1,3,5-Trimethylbenzene	12.94	105	552386	51.960	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	43628	51.009	ug/l		98
82) 4-Chlorotoluene	12.99	91	470961	50.974	ug/l		100
83) tert-Butylbenzene	13.21	119	468776	52.872	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	552902	51.795	ug/l		100
85) sec-Butylbenzene	13.38	105	674780	52.744	ug/l		100
86) p-Isopropyltoluene	13.50	119	606255	52.834	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	276809	51.231	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	273529	50.273	ug/l		99
89) n-Butylbenzene	13.82	91	612402	53.499	ug/l		99
90) Hexachloroethane	14.10	117	108684	51.832	ug/l		100
91) 1,2-Dichlorobenzene	13.87	146	242386	49.448	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22247	48.895	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	176272	52.209	ug/l	99
94) Hexachlorobutadiene	15.24	225	107315	51.773	ug/l	99
95) Naphthalene	15.37	128	344303	53.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154923	51.992	ug/l	100

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

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