Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061720\
Data File : VX016813.D
Acq On : 17 Jun 2020 12:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 01:06:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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6/18/2020 9:36:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	556420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	514671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163646	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.20%			
35) Dibromofluoromethane	5.46	113	139501	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.28%			
50) Toluene-d8	8.70	98	619382	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.86%			
62) 4-Bromofluorobenzene	11.12	95	222184	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	211860	57.461	ug/l	99
3) Chloromethane	1.31	50	202795	56.945	ug/l	99
4) Vinyl Chloride	1.39	62	221212	58.214	ug/l	97
5) Bromomethane	1.62	94	122540	51.925	ug/l	100
6) Chloroethane	1.70	64	137325	58.667	ug/l	99
7) Trichlorofluoromethane	1.91	101	305834	55.881	ug/l	98
8) Diethyl Ether	2.17	74	122179	54.668	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	171049	61.431	ug/l	97
10) Methyl Iodide	2.49	142	164116	47.157	ug/l	97
11) Tert butyl alcohol	3.01	59	200286	217.266	ug/l	100
12) 1,1-Dichloroethene	2.36	96	172623	54.138	ug/l	99
13) Acrolein	2.27	56	104081	265.025	ug/l	99
14) Allyl chloride	2.70	41	242096	48.546	ug/l	97
15) Acrylonitrile	3.11	53	440415	235.442	ug/l	100
16) Acetone	2.42	43	431750	259.387	ug/l	99
17) Carbon Disulfide	2.55	76	418525	45.831	ug/l	99
18) Methyl Acetate	2.75	43	219111	49.318	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	507864	46.733	ug/l	98
20) Methylene Chloride	2.83	84	165811	46.247	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	159507	46.552	ug/l	97
22) Diisopropyl ether	3.82	45	460399	49.150	ug/l	97
23) Vinyl Acetate	3.78	43	1970866	243.427	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273712	46.719	ug/l	99
25) 2-Butanone	4.63	43	585534	233.413	ug/l	97
26) 2,2-Dichloropropane	4.54	77	256580	47.297	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	182795	46.675	ug/l	100
28) Bromochloromethane	4.98	49	116230	46.506	ug/l	99
29) Tetrahydrofuran	5.08	42	384409	236.547	ug/l	99
30) Chloroform	5.17	83	286960	46.297	ug/l	98
31) Cyclohexane	5.55	56	250112	52.974	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	265808	47.260	ug/l	100
36) 1,1-Dichloropropene	5.76	75	220192	44.780	ug/l	100
37) Ethyl Acetate	4.79	43	227753	42.294	ug/l	99
38) Carbon Tetrachloride	5.75	117	238497	42.707	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.43	83	302585	53.008	ug/l		96
40) Benzene	6.11	78	654453	43.714	ug/l		100
41) Methacrylonitrile	5.00	41	125775	43.805	ug/l		96
42) 1,2-Dichloroethane	6.16	62	219523	40.174	ug/l		98
43) Isopropyl Acetate	6.40	43	368494	43.662	ug/l		99
44) Trichloroethene	7.18	130	243773	52.639	ug/l		98
45) 1,2-Dichloropropane	7.49	63	193435	52.707	ug/l		99
46) Dibromomethane	7.63	93	131016	48.980	ug/l		97
47) Bromodichloromethane	7.87	83	271248	48.641	ug/l		97
48) Methyl methacrylate	7.74	41	209360	52.339	ug/l		97
49) 1,4-Dioxane	7.71	88	94393	953.549	ug/l		98
51) 4-Methyl-2-Pentanone	8.62	43	1374632	264.320	ug/l		100
52) Toluene	8.76	92	489794	50.366	ug/l		98
53) t-1,3-Dichloropropene	9.02	75	318942	50.637	ug/l		99
54) cis-1,3-Dichloropropene	8.42	75	330997	50.380	ug/l		99
55) 1,1,2-Trichloroethane	9.20	97	193570	49.495	ug/l		98
56) Ethyl methacrylate	9.16	69	315514	53.884	ug/l		98
57) 1,3-Dichloropropane	9.35	76	327834	49.868	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.29	63	795511	276.308	ug/l		98
59) 2-Hexanone	9.47	43	1045900	260.517	ug/l		100
60) Dibromochloromethane	9.56	129	222257	48.086	ug/l		100
61) 1,2-Dibromoethane	9.65	107	209500	49.153	ug/l		99
64) Tetrachloroethene	9.32	164	273547	55.349	ug/l		98
65) Chlorobenzene	10.12	112	529332	50.687	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198246	47.586	ug/l		97
67) Ethyl Benzene	10.23	91	926022	52.452	ug/l		100
68) m/p-Xylenes	10.34	106	696489	104.050	ug/l		99
69) o-Xylene	10.68	106	343871	53.324	ug/l		100
70) Styrene	10.70	104	611635	54.865	ug/l		99
71) Bromoform	10.84	173	175641	49.413	ug/l	#	98
73) Isopropylbenzene	11.00	105	901129	56.871	ug/l		100
74) N-amyl acetate	10.88	43	362314	58.832	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.25	83	224120	48.084	ug/l		100
76) 1,2,3-Trichloropropane	11.28	75	261185m	51.432	ug/l		
77) Bromobenzene	11.24	156	228962	51.177	ug/l		98
78) n-propylbenzene	11.34	91	997589	57.974	ug/l		98
79) 2-Chlorotoluene	11.40	91	579415	53.249	ug/l		99
80) 1,3,5-Trimethylbenzene	11.49	105	776989	58.497	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.05	75	106481	52.786	ug/l		93
82) 4-Chlorotoluene	11.49	91	728855	57.225	ug/l		100
83) tert-Butylbenzene	11.76	119	659381	54.253	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	749381	55.771	ug/l		99
85) sec-Butylbenzene	11.93	105	809322	56.928	ug/l		100
86) p-Isopropyltoluene	12.05	119	764662	56.057	ug/l		99
87) 1,3-Dichlorobenzene	12.01	146	400187	52.910	ug/l		99
88) 1,4-Dichlorobenzene	12.08	146	397245	50.645	ug/l		100
89) n-Butylbenzene	12.37	91	692648	61.511	ug/l		99
90) Hexachloroethane	12.58	117	134446	53.448	ug/l		98
91) 1,2-Dichlorobenzene	12.38	146	401586	53.093	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63279	48.548	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	284559	53.721	ug/l	97
94) Hexachlorobutadiene	13.77	225	128253	54.982	ug/l	99
95) Naphthalene	13.82	128	872626	52.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	273412	52.442	ug/l	98

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

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