Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051920\
Data File : VN061478.D
Acq On : 19 May 2020 12:52
Operator : JC/MD
Sample : VN0519WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 20 04:15:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VN0519WBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	303818	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	554911	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	524180	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244833	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	219229	48.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.70%				
35) Dibromofluoromethane	7.55	113	151743	52.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.40%				
50) Toluene-d8	10.06	98	676396	50.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.32%				
62) 4-Bromofluorobenzene	12.37	95	251003	49.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	55020	21.779	ug/l		99
3) Chloromethane	2.03	50	85636	20.783	ug/l		100
4) Vinyl Chloride	2.16	62	125736	21.322	ug/l		100
5) Bromomethane	2.54	94	71857	21.850	ug/l		96
6) Chloroethane	2.67	64	84409	21.267	ug/l		98
7) Trichlorofluoromethane	2.98	101	154578	21.591	ug/l		97
8) Diethyl Ether	3.37	74	45242	21.695	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65681	22.062	ug/l		99
10) Methyl Iodide	3.91	142	82798	22.897	ug/l		99
11) Tert butyl alcohol	4.73	59	66389	127.070	ug/l	#	91
12) 1,1-Dichloroethene	3.70	96	67038	21.526	ug/l		94
13) Acrolein	3.56	56	29739	65.562	ug/l		98
14) Allyl chloride	4.27	41	106674	21.048	ug/l		98
15) Acrylonitrile	4.93	53	162757	105.149	ug/l		99
16) Acetone	3.77	43	138123	112.790	ug/l		100
17) Carbon Disulfide	4.01	76	169870	23.741	ug/l		99
18) Methyl Acetate	4.28	43	66601	20.792	ug/l		99
19) Methyl tert-butyl Ether	4.99	73	256641	21.716	ug/l		100
20) Methylene Chloride	4.50	84	80190	21.519	ug/l		96
21) trans-1,2-Dichloroethene	4.99	96	79072	22.019	ug/l		95
22) Diisopropyl ether	5.90	45	241517	21.206	ug/l		94
23) Vinyl Acetate	5.84	43	969246	107.022	ug/l		98
24) 1,1-Dichloroethane	5.80	63	146169	22.004	ug/l		99
25) 2-Butanone	6.79	43	216416	104.826	ug/l		97
26) 2,2-Dichloropropane	6.77	77	138459	21.865	ug/l		99
27) cis-1,2-Dichloroethene	6.78	96	94457	22.268	ug/l		98
28) Bromochloromethane	7.15	49	62274	22.086	ug/l		96
29) Tetrahydrofuran	7.17	42	141571	103.542	ug/l		97
30) Chloroform	7.33	83	157631	22.719	ug/l		98
31) Cyclohexane	7.61	56	129118	20.316	ug/l		97
32) 1,1,1-Trichloroethane	7.53	97	142172	22.424	ug/l		100
36) 1,1-Dichloropropene	7.75	75	113659	21.905	ug/l		98
37) Ethyl Acetate	6.88	43	96085	20.419	ug/l		99
38) Carbon Tetrachloride	7.73	117	106685	22.330	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.05	83	135271	21.345 ug/l		95
40) Benzene	8.00	78	347206	22.205 ug/l		100
41) Methacrylonitrile	7.13	41	42563m	21.416 ug/l		
42) 1,2-Dichloroethane	8.08	62	124914	22.173 ug/l		99
43) Isopropyl Acetate	8.12	43	169070	20.601 ug/l	#	92
44) Trichloroethene	8.80	130	96096	23.454 ug/l		94
45) 1,2-Dichloropropane	9.08	63	87437	22.340 ug/l		99
46) Dibromomethane	9.17	93	60934	22.208 ug/l		96
47) Bromodichloromethane	9.37	83	127995	22.141 ug/l		99
48) Methyl methacrylate	9.17	41	76138	20.082 ug/l		98
49) 1,4-Dioxane	9.17	88	27071	666.278 ug/l		97
51) 4-Methyl-2-Pentanone	9.95	43	477980	106.911 ug/l		99
52) Toluene	10.12	92	231644	23.075 ug/l		97
53) t-1,3-Dichloropropene	10.35	75	140074	22.107 ug/l		100
54) cis-1,3-Dichloropropene	9.81	75	149339	22.172 ug/l		97
55) 1,1,2-Trichloroethane	10.53	97	87996	23.185 ug/l		98
56) Ethyl methacrylate	10.40	69	132351	22.305 ug/l		98
57) 1,3-Dichloropropane	10.68	76	147023	22.415 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.66	63	256934	98.651 ug/l		98
59) 2-Hexanone	10.72	43	340812	105.365 ug/l		97
60) Dibromochloromethane	10.87	129	93392	22.245 ug/l		98
61) 1,2-Dibromoethane	10.98	107	91239	22.864 ug/l		100
64) Tetrachloroethene	10.60	164	93380	23.027 ug/l		96
65) Chlorobenzene	11.41	112	238033	22.268 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.48	131	87782	22.907 ug/l		97
67) Ethyl Benzene	11.48	91	444645	22.788 ug/l		99
68) m/p-Xylenes	11.59	106	341205	46.070 ug/l		99
69) o-Xylene	11.92	106	165548	23.098 ug/l		97
70) Styrene	11.94	104	269222	22.684 ug/l		99
71) Bromoform	12.10	173	58388	20.822 ug/l	#	97
73) Isopropylbenzene	12.22	105	432813	22.020 ug/l		99
74) N-amyl acetate	12.04	43	146225	20.325 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	116897	21.617 ug/l		100
76) 1,2,3-Trichloropropane	12.53	75	110824m	21.095 ug/l		
77) Bromobenzene	12.50	156	95810	22.461 ug/l		96
78) n-propylbenzene	12.56	91	489545	21.860 ug/l		100
79) 2-Chlorotoluene	12.65	91	288777	21.816 ug/l		99
80) 1,3,5-Trimethylbenzene	12.71	105	364329	22.638 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.27	75	39382	19.886 ug/l		99
82) 4-Chlorotoluene	12.75	91	301832	22.021 ug/l		100
83) tert-Butylbenzene	12.97	119	310091	22.494 ug/l		99
84) 1,2,4-Trimethylbenzene	13.01	105	365183	22.674 ug/l		99
85) sec-Butylbenzene	13.15	105	407598	21.866 ug/l		99
86) p-Isopropyltoluene	13.26	119	365648	22.090 ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	173986	22.287 ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	173709	22.219 ug/l		98
89) n-Butylbenzene	13.59	91	318557	21.184 ug/l		99
90) Hexachloroethane	13.85	117	45015	20.066 ug/l		100
91) 1,2-Dichlorobenzene	13.63	146	169218	22.597 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22318	20.431 ug/l		94

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88364	21.763	ug/l	100
94) Hexachlorobutadiene	14.98	225	35540	19.700	ug/l	99
95) Naphthalene	15.10	128	288708	22.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88422	21.875	ug/l	99

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

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