Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092120\
Data File : VN063502.D
Acq On : 21 Sep 2020 22:05
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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9/22/2020 2:08:09 PM

Quant Time: Sep 22 05:12:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	277675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	446941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	222842	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.28%			
35) Dibromofluoromethane	7.55	113	156019	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.60%			
50) Toluene-d8	10.06	98	601664	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.96%			
62) 4-Bromofluorobenzene	12.38	95	229758	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	145929	46.388	ug/l	99
3) Chloromethane	2.04	50	178024	42.778	ug/l	99
4) Vinyl Chloride	2.16	62	176439	47.853	ug/l	96
5) Bromomethane	2.52	94	110882	50.650	ug/l	97
6) Chloroethane	2.67	64	104609	46.220	ug/l	97
7) Trichlorofluoromethane	2.98	101	279229	50.759	ug/l	100
8) Diethyl Ether	3.37	74	103676	48.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	149078	48.188	ug/l	97
10) Methyl Iodide	3.91	142	200199	49.705	ug/l	99
11) Tert butyl alcohol	4.73	59	156703	239.306	ug/l	100
12) 1,1-Dichloroethene	3.70	96	147172	46.967	ug/l	99
13) Acrolein	3.56	56	94983	391.410	ug/l	99
14) Allyl chloride	4.28	41	291147	46.973	ug/l	99
15) Acrylonitrile	4.93	53	413678	248.358	ug/l	99
16) Acetone	3.77	43	367640	242.011	ug/l	100
17) Carbon Disulfide	4.01	76	408823	44.853	ug/l	100
18) Methyl Acetate	4.27	43	196261	50.892	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	558264	47.801	ug/l	98
20) Methylene Chloride	4.51	84	175447	45.584	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	160155	46.131	ug/l	94
22) Diisopropyl ether	5.90	45	594331	47.016	ug/l	99
23) Vinyl Acetate	5.84	43	2505206	241.309	ug/l	99
24) 1,1-Dichloroethane	5.80	63	322411	46.716	ug/l	98
25) 2-Butanone	6.78	43	567648	242.964	ug/l	97
26) 2,2-Dichloropropane	6.78	77	259648	42.731	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	191200	48.657	ug/l	98
28) Bromochloromethane	7.15	49	154184	48.385	ug/l	97
29) Tetrahydrofuran	7.16	42	378796	237.390	ug/l	98
30) Chloroform	7.33	83	333946	48.229	ug/l	99
31) Cyclohexane	7.61	56	273145	41.841	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	298827	48.522	ug/l	99
36) 1,1-Dichloropropene	7.75	75	240895	45.956	ug/l	99
37) Ethyl Acetate	6.88	43	246309	47.876	ug/l	99
38) Carbon Tetrachloride	7.74	117	254403	47.544	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	245505	43.153	ug/l		97
40) Benzene	8.00	78	712314	47.603	ug/l		100
41) Methacrylonitrile	7.13	41	111708	48.277	ug/l	#	100
42) 1,2-Dichloroethane	8.08	62	286366	47.588	ug/l		100
43) Isopropyl Acetate	8.13	43	425497	46.254	ug/l		99
44) Trichloroethene	8.80	130	177240	48.835	ug/l		98
45) 1,2-Dichloropropane	9.08	63	194153	47.640	ug/l		100
46) Dibromomethane	9.17	93	129072	48.186	ug/l		100
47) Bromodichloromethane	9.37	83	267315	48.037	ug/l		99
48) Methyl methacrylate	9.17	41	208859	46.211	ug/l		97
49) 1,4-Dioxane	9.16	88	64384	992.666	ug/l		98
51) 4-Methyl-2-Pentanone	9.95	43	1257966	244.263	ug/l		99
52) Toluene	10.13	92	443586	49.306	ug/l		100
53) t-1,3-Dichloropropene	10.35	75	295893	47.629	ug/l		98
54) cis-1,3-Dichloropropene	9.81	75	310306	47.354	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	179279	50.169	ug/l		98
56) Ethyl methacrylate	10.40	69	275329	49.354	ug/l		99
57) 1,3-Dichloropropane	10.68	76	306304	47.531	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.66	63	716534	244.846	ug/l		98
59) 2-Hexanone	10.72	43	929661	249.167	ug/l		99
60) Dibromochloromethane	10.87	129	199413	49.395	ug/l		97
61) 1,2-Dibromoethane	10.98	107	185569	49.983	ug/l		98
64) Tetrachloroethene	10.60	164	153588	50.467	ug/l		99
65) Chlorobenzene	11.41	112	460677	48.557	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.48	131	174052	50.048	ug/l		99
67) Ethyl Benzene	11.48	91	882823	49.413	ug/l		100
68) m/p-Xylenes	11.60	106	633668	98.369	ug/l		100
69) o-Xylene	11.92	106	312276	50.889	ug/l		96
70) Styrene	11.94	104	532215	51.718	ug/l		99
71) Bromoform	12.10	173	132069	50.976	ug/l	#	100
73) Isopropylbenzene	12.22	105	828798	48.474	ug/l		100
74) N-amyl acetate	12.05	43	389546	48.130	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.48	83	256253	48.405	ug/l		99
76) 1,2,3-Trichloropropane	12.53	75	237716m	45.013	ug/l		
77) Bromobenzene	12.50	156	193375	50.279	ug/l		96
78) n-propylbenzene	12.57	91	950525	47.731	ug/l		100
79) 2-Chlorotoluene	12.65	91	580261	48.608	ug/l		100
80) 1,3,5-Trimethylbenzene	12.71	105	699087	49.034	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.27	75	89647	46.540	ug/l		98
82) 4-Chlorotoluene	12.75	91	626662	49.684	ug/l		99
83) tert-Butylbenzene	12.97	119	560822	47.660	ug/l		99
84) 1,2,4-Trimethylbenzene	13.01	105	707503	49.129	ug/l		100
85) sec-Butylbenzene	13.15	105	751126	47.687	ug/l		100
86) p-Isopropyltoluene	13.26	119	675942	48.655	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	349753	49.064	ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	357453	49.321	ug/l		99
89) n-Butylbenzene	13.59	91	616543	48.147	ug/l		99
90) Hexachloroethane	13.85	117	120846	45.682	ug/l		99
91) 1,2-Dichlorobenzene	13.63	146	348430	49.786	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	60364	47.884	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	199434	48.337	ug/l	100
94) Hexachlorobutadiene	14.98	225	86554	50.673	ug/l	95
95) Naphthalene	15.10	128	672913	49.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	191460	48.027	ug/l	97

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

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