Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120419\
Data File : VN059476.D
Acq On : 4 Dec 2019 9:53
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
apatel
12/5/2019 11:18:59 AM

Quant Time: Dec 05 00:58:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	386094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	601436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	537955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	255093	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	225842	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.18%			
35) Dibromofluoromethane	7.57	113	178527	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.32%			
50) Toluene-d8	10.08	98	707927	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.86%			
62) 4-Bromofluorobenzene	12.40	95	253062	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	178719	41.597	ug/l	99
3) Chloromethane	2.04	50	240691	41.798	ug/l	99
4) Vinyl Chloride	2.17	62	144916	41.938	ug/l	99
5) Bromomethane	2.55	94	87858	41.839	ug/l	97
6) Chloroethane	2.68	64	85698	42.007	ug/l	99
7) Trichlorofluoromethane	3.00	101	182447	43.718	ug/l	97
8) Diethyl Ether	3.38	74	117060	43.052	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	178261	43.513	ug/l	99
10) Methyl Iodide	3.92	142	229269	44.198	ug/l	99
11) Tert butyl alcohol	4.75	59	195637	216.458	ug/l	100
12) 1,1-Dichloroethene	3.71	96	173196	43.249	ug/l	99
13) Acrolein	3.58	56	160508	204.627	ug/l	99
14) Allyl chloride	4.29	41	337713	42.816	ug/l	99
15) Acrylonitrile	4.95	53	531757	217.474	ug/l	99
16) Acetone	3.79	43	669453	249.940	ug/l	100
17) Carbon Disulfide	4.02	76	556578	40.733	ug/l	99
18) Methyl Acetate	4.29	43	266705	41.307	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	605256	44.346	ug/l	100
20) Methylene Chloride	4.52	84	199608	44.041	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	192747	43.016	ug/l	99
22) Diisopropyl ether	5.92	45	660228	44.973	ug/l	98
23) Vinyl Acetate	5.86	43	2738909	232.503	ug/l	100
24) 1,1-Dichloroethane	5.82	63	369033	44.250	ug/l	99
25) 2-Butanone	6.81	43	816514	223.973	ug/l	99
26) 2,2-Dichloropropane	6.79	77	314434	43.592	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	217594	43.725	ug/l	99
28) Bromochloromethane	7.17	49	155868	48.029	ug/l	99
29) Tetrahydrofuran	7.18	42	482616	210.536	ug/l	100
30) Chloroform	7.35	83	352543	43.782	ug/l	99
31) Cyclohexane	7.63	56	342356	42.367	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	302640	43.243	ug/l	100
36) 1,1-Dichloropropene	7.77	75	278798	44.546	ug/l	99
37) Ethyl Acetate	6.90	43	294280	42.094	ug/l	99
38) Carbon Tetrachloride	7.75	117	266793	44.320	ug/l	99

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Quant Time: Dec 05 00:58:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	337778	44.847	ug/l		99
40) Benzene	8.02	78	816004	44.523	ug/l		98
41) Methacrylonitrile	7.15	41	131299m	46.341	ug/l		
42) 1,2-Dichloroethane	8.10	62	275609	44.269	ug/l		100
43) Isopropyl Acetate	8.14	43	467518	44.963	ug/l		100
44) Trichloroethene	8.82	130	209006	43.638	ug/l		99
45) 1,2-Dichloropropane	9.10	63	217530	44.426	ug/l		99
46) Dibromomethane	9.19	93	136653	44.826	ug/l		99
47) Bromodichloromethane	9.39	83	275991	45.152	ug/l		99
48) Methyl methacrylate	9.18	41	207483	44.229	ug/l		99
49) 1,4-Dioxane	9.19	88	67913	956.742	ug/l		99
51) 4-Methyl-2-Pentanone	9.97	43	1414822	229.230	ug/l		99
52) Toluene	10.15	92	497027	44.840	ug/l		100
53) t-1,3-Dichloropropene	10.37	75	322857	44.888	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	348012	45.649	ug/l		99
55) 1,1,2-Trichloroethane	10.55	97	194870	44.597	ug/l		99
56) Ethyl methacrylate	10.42	69	300694	42.723	ug/l		99
57) 1,3-Dichloropropane	10.70	76	338502	44.797	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.68	63	208105	96.607	ug/l		100
59) 2-Hexanone	10.74	43	1107600	238.454	ug/l		100
60) Dibromochloromethane	10.90	129	209868	44.982	ug/l		100
61) 1,2-Dibromoethane	11.00	107	202121	44.766	ug/l		100
64) Tetrachloroethene	10.62	164	194415	42.486	ug/l		99
65) Chlorobenzene	11.43	112	517271	43.984	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.50	131	194427	46.010	ug/l		99
67) Ethyl Benzene	11.51	91	950188	46.115	ug/l		99
68) m/p-Xylenes	11.62	106	707668	92.238	ug/l		98
69) o-Xylene	11.94	106	336163	46.023	ug/l		100
70) Styrene	11.96	104	549195	47.100	ug/l		99
71) Bromoform	12.12	173	150481	45.686	ug/l	#	98
73) Isopropylbenzene	12.25	105	906184	44.296	ug/l		100
74) N-amyl acetate	12.07	43	369498	44.841	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	286877	43.717	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	270074m	42.580	ug/l		
77) Bromobenzene	12.53	156	216740	42.396	ug/l		99
78) n-propylbenzene	12.59	91	1072394	45.045	ug/l		100
79) 2-Chlorotoluene	12.67	91	626528	43.656	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	770820	45.087	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	107620	44.529	ug/l		99
82) 4-Chlorotoluene	12.77	91	643878	43.485	ug/l		100
83) tert-Butylbenzene	12.99	119	651104	43.867	ug/l		100
84) 1,2,4-Trimethylbenzene	13.04	105	768402	45.990	ug/l		99
85) sec-Butylbenzene	13.17	105	875532	44.507	ug/l		100
86) p-Isopropyltoluene	13.29	119	788841	44.749	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	391250	43.407	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	384880	42.340	ug/l		99
89) n-Butylbenzene	13.62	91	696917	44.126	ug/l		100
90) Hexachloroethane	13.88	117	147571	43.404	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	376627	43.587	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57691	42.611	ug/l		99

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	225199	42.691	ug/l	99
94) Hexachlorobutadiene	15.01	225	134942	45.088	ug/l	100
95) Naphthalene	15.13	128	576538	40.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	223983	42.572	ug/l	99

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

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