Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
Data File : VN053024.D
Acq On : 19 Dec 2018 21:30
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/20/2018 9:33:53 AM

Quant Time: Dec 20 06:51:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1138352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1748951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1511632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	650635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	612714	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.08%			
35) Dibromofluoromethane	7.59	113	476272	59.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.22%			
50) Toluene-d8	10.09	98	2220678	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.56%			
62) 4-Bromofluorobenzene	12.40	95	730430	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	551735	47.889	ug/l	100
3) Chloromethane	2.06	50	640728	45.894	ug/l	99
4) Vinyl Chloride	2.19	62	691806	48.928	ug/l	100
5) Bromomethane	2.57	94	450504	45.988	ug/l	99
6) Chloroethane	2.71	64	408475	48.779	ug/l	100
7) Trichlorofluoromethane	3.03	101	882448	50.099	ug/l	100
8) Diethyl Ether	3.41	74	342997	51.618	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	560699	49.926	ug/l	98
10) Methyl Iodide	3.96	142	793597	50.319	ug/l	99
11) Tert butyl alcohol	4.78	59	181711	257.795	ug/l	98
12) 1,1-Dichloroethene	3.74	96	544583	50.192	ug/l	98
13) Acrolein	3.61	56	231292	361.886	ug/l	99
14) Allyl chloride	4.33	41	841960	50.098	ug/l	98
15) Acrylonitrile	4.99	53	1008003	257.414	ug/l	100
16) Acetone	3.82	43	621760	274.507	ug/l	96
17) Carbon Disulfide	4.06	76	1559072	44.061	ug/l	99
18) Methyl Acetate	4.32	43	520946	50.661	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1520775	52.377	ug/l	98
20) Methylene Chloride	4.55	84	612367	49.563	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	577049	49.501	ug/l	98
22) Diisopropyl ether	5.95	45	1897304	52.889	ug/l	97
23) Vinyl Acetate	5.90	43	5440352	263.734	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1090868	51.174	ug/l	99
25) 2-Butanone	6.83	43	1050225	276.285	ug/l	97
26) 2,2-Dichloropropane	6.83	77	762800	46.876	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	668333	50.641	ug/l	99
28) Bromochloromethane	7.20	49	480986	52.072	ug/l	96
29) Tetrahydrofuran	7.21	42	744157	262.117	ug/l	98
30) Chloroform	7.37	83	1060200	50.629	ug/l	99
31) Cyclohexane	7.66	56	1011400	50.601	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	900535	50.482	ug/l	99
36) 1,1-Dichloropropene	7.79	75	833783	49.669	ug/l	99
37) Ethyl Acetate	6.93	43	496734	53.006	ug/l	100
38) Carbon Tetrachloride	7.78	117	777085	50.504	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	963313	47.238	ug/l		98
40) Benzene	8.04	78	2520800	50.484	ug/l		99
41) Methacrylonitrile	7.17	41	301096	55.608	ug/l		94
42) 1,2-Dichloroethane	8.12	62	740766	50.218	ug/l		98
43) Isopropyl Acetate	8.16	43	933886	51.528	ug/l		98
44) Trichloroethene	8.83	130	707369	48.979	ug/l		97
45) 1,2-Dichloropropane	9.12	63	670871	51.582	ug/l		99
46) Dibromomethane	9.21	93	375725	49.591	ug/l		98
47) Bromodichloromethane	9.40	83	816139	50.676	ug/l		99
48) Methyl methacrylate	9.20	41	468702	51.542	ug/l		99
49) 1,4-Dioxane	9.20	88	108362	942.032	ug/l		98
51) 4-Methyl-2-Pentanone	9.98	43	2413589	265.950	ug/l		99
52) Toluene	10.16	92	1525688	49.296	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	832017	49.129	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	970306	49.916	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	551945	51.119	ug/l		99
56) Ethyl methacrylate	10.43	69	743356	52.015	ug/l		97
57) 1,3-Dichloropropane	10.71	76	947051	51.149	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	2063629	263.022	ug/l		98
59) 2-Hexanone	10.75	43	1602268	260.947	ug/l		99
60) Dibromochloromethane	10.90	129	612389	49.549	ug/l		100
61) 1,2-Dibromoethane	11.01	107	549684	50.127	ug/l		99
64) Tetrachloroethene	10.63	164	798586	48.771	ug/l		99
65) Chlorobenzene	11.43	112	1667989	49.778	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.51	131	599497	51.448	ug/l		100
67) Ethyl Benzene	11.51	91	2879375	49.967	ug/l		100
68) m/p-Xylenes	11.62	106	2157283	98.475	ug/l		99
69) o-Xylene	11.95	106	1048464	49.876	ug/l		99
70) Styrene	11.96	104	1714659	50.022	ug/l		100
71) Bromoform	12.13	173	404789	48.086	ug/l	#	100
73) Isopropylbenzene	12.25	105	2768757	54.389	ug/l		99
74) N-amyl acetate	12.07	43	812679	57.500	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	564815	56.555	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	517884m	47.283	ug/l		
77) Bromobenzene	12.53	156	704046	53.205	ug/l		98
78) n-propylbenzene	12.59	91	3074700	53.032	ug/l		99
79) 2-Chlorotoluene	12.67	91	1804570	50.214	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	2111337	50.884	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	179194	52.732	ug/l		96
82) 4-Chlorotoluene	12.77	91	1810564	51.467	ug/l		99
83) tert-Butylbenzene	12.99	119	1879490	51.216	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	2138901	51.277	ug/l		100
85) sec-Butylbenzene	13.17	105	2473025	49.823	ug/l		99
86) p-Isopropyltoluene	13.29	119	2128697	49.632	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1164574	49.725	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	1144057	48.237	ug/l		100
89) n-Butylbenzene	13.62	91	1720274	46.622	ug/l		99
90) Hexachloroethane	13.88	117	324151	49.250	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	1083950	49.176	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	83786	48.520	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	576052	49.336	ug/l	99
94) Hexachlorobutadiene	15.01	225	308517	51.086	ug/l	99
95) Naphthalene	15.13	128	1253774	49.034	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	519038	49.363	ug/l	99

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

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