Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054279.D
Acq On : 14 Mar 2019 23:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
3/15/2019 10:08:24 AM

Quant Time: Mar 15 08:13:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1332077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2078792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1833002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	890353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	731048	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.36%			
35) Dibromofluoromethane	7.59	113	689495	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
50) Toluene-d8	10.09	98	2502867	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
62) 4-Bromofluorobenzene	12.40	95	867825	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	658278	52.142	ug/l	98
3) Chloromethane	2.06	50	625052	50.969	ug/l	99
4) Vinyl Chloride	2.19	62	703188	50.168	ug/l	100
5) Bromomethane	2.57	94	445369	45.878	ug/l	100
6) Chloroethane	2.71	64	423773	49.969	ug/l	99
7) Trichlorofluoromethane	3.02	101	921435	49.445	ug/l	100
8) Diethyl Ether	3.41	74	468660	55.187	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	754157	54.004	ug/l	99
10) Methyl Iodide	3.94	142	933532	47.160	ug/l	99
11) Tert butyl alcohol	4.82	59	249619	257.387	ug/l	98
12) 1,1-Dichloroethene	3.73	96	749776	54.179	ug/l	98
13) Acrolein	3.61	56	135446	147.386	ug/l	100
14) Allyl chloride	4.31	41	904172	50.923	ug/l	100
15) Acrylonitrile	5.00	53	1122829	281.854	ug/l	99
16) Acetone	3.82	43	820624	202.597	ug/l	99
17) Carbon Disulfide	4.04	76	1623448	46.796	ug/l	100
18) Methyl Acetate	4.33	43	506623	61.822	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1891097	55.131	ug/l	99
20) Methylene Chloride	4.54	84	711827	53.521	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	699503	52.755	ug/l	100
22) Diisopropyl ether	5.96	45	1959010	55.281	ug/l	96
23) Vinyl Acetate	5.90	43	7075705	270.809	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1223237	53.760	ug/l	99
25) 2-Butanone	6.85	43	1288005	270.927	ug/l	99
26) 2,2-Dichloropropane	6.82	77	850044	42.482	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	821253	55.519	ug/l	97
28) Bromochloromethane	7.19	49	478535	51.445	ug/l	94
29) Tetrahydrofuran	7.22	42	843685	276.012	ug/l	99
30) Chloroform	7.37	83	1310882	55.211	ug/l	100
31) Cyclohexane	7.65	56	1077346	50.661	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1140884	53.205	ug/l	99
36) 1,1-Dichloropropene	7.79	75	975340	50.948	ug/l	99
37) Ethyl Acetate	6.94	43	580228	52.749	ug/l	99
38) Carbon Tetrachloride	7.77	117	1003645	49.993	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1180351	50.112	ug/l	98
40) Benzene	8.04	78	2874154	52.465	ug/l	100
41) Methacrylonitrile	7.18	41	318742	50.750	ug/l	98
42) 1,2-Dichloroethane	8.13	62	969549	52.421	ug/l	99
43) Isopropyl Acetate	8.17	43	1015121	52.576	ug/l	98
44) Trichloroethene	8.83	130	891524	52.387	ug/l	99
45) 1,2-Dichloropropane	9.12	63	726525	53.409	ug/l	100
46) Dibromomethane	9.21	93	486999	52.987	ug/l	99
47) Bromodichloromethane	9.40	83	981074	53.246	ug/l	98
48) Methyl methacrylate	9.20	41	535798	54.682	ug/l	97
49) 1,4-Dioxane	9.21	88	155610	1122.753	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2812946	275.299	ug/l	98
52) Toluene	10.16	92	1858604	53.507	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	940138	44.825	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1091205	50.821	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	686634	54.137	ug/l	99
56) Ethyl methacrylate	10.43	69	836796	55.332	ug/l	96
57) 1,3-Dichloropropane	10.71	76	1121614	54.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1584736	242.105	ug/l	99
59) 2-Hexanone	10.75	43	1800410	264.809	ug/l	99
60) Dibromochloromethane	10.90	129	772717	54.128	ug/l	100
61) 1,2-Dibromoethane	11.01	107	710298	55.109	ug/l	100
64) Tetrachloroethene	10.63	164	909786	51.336	ug/l	99
65) Chlorobenzene	11.43	112	2138432	53.132	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	796978	54.509	ug/l	99
67) Ethyl Benzene	11.51	91	3495459	52.392	ug/l	100
68) m/p-Xylenes	11.62	106	2765760	106.064	ug/l	100
69) o-Xylene	11.95	106	1363806	53.651	ug/l	99
70) Styrene	11.96	104	2179557	54.671	ug/l	99
71) Bromoform	12.13	173	515259	46.408	ug/l	100
73) Isopropylbenzene	12.25	105	3599578	50.532	ug/l	100
74) N-amyl acetate	12.07	43	827890	52.360	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	814378	53.660	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	675918m	51.624	ug/l	
77) Bromobenzene	12.53	156	984146	52.211	ug/l	96
78) n-propylbenzene	12.59	91	3925145	50.782	ug/l	99
79) 2-Chlorotoluene	12.67	91	2350792	50.583	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3006478	50.741	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	163519	42.693	ug/l	92
82) 4-Chlorotoluene	12.77	91	2356623	50.783	ug/l	99
83) tert-Butylbenzene	12.99	119	2776599	50.912	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3051590	52.497	ug/l	100
85) sec-Butylbenzene	13.17	105	3570365	50.481	ug/l	100
86) p-Isopropyltoluene	13.29	119	3155535	50.855	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1675639	52.756	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1642991	52.657	ug/l	99
89) n-Butylbenzene	13.62	91	2455976	52.093	ug/l	100
90) Hexachloroethane	13.88	117	495021	48.180	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1660230	53.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	122117	51.998	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	943492	50.314	ug/l	99
94) Hexachlorobutadiene	15.01	225	578226	48.890	ug/l	100
95) Naphthalene	15.13	128	1958662	50.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	942858	57.151	ug/l	100

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

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