Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
Data File : VN059662.D
Acq On : 18 Dec 2019 20:28
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/19/2019 11:12:24 AM

Quant Time: Dec 19 06:11:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	199150	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	322174	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	338974	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154892	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.00	65	146628	50.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.20%				
35) Dibromofluoromethane	7.57	113	102999	51.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.20%				
50) Toluene-d8	10.08	98	609001	76.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 152.62%				
62) 4-Bromofluorobenzene	12.40	95	162205	55.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	135064	52.484	ug/l		99
3) Chloromethane	2.04	50	215193	52.694	ug/l		100
4) Vinyl Chloride	2.17	62	188096	48.570	ug/l		99
5) Bromomethane	2.53	94	126402	56.146	ug/l		97
6) Chloroethane	2.67	64	133483	61.329	ug/l		100
7) Trichlorofluoromethane	2.99	101	250907	59.051	ug/l		99
8) Diethyl Ether	3.39	74	65926	49.658	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	101736	47.512	ug/l		98
10) Methyl Iodide	3.92	142	133947	47.252	ug/l		99
11) Tert butyl alcohol	4.76	59	122836	231.206	ug/l	#	87
12) 1,1-Dichloroethene	3.71	96	101296	48.494	ug/l		97
13) Acrolein	3.58	56	70188	185.461	ug/l		98
14) Allyl chloride	4.29	41	202987	47.338	ug/l		98
15) Acrylonitrile	4.95	53	335985	261.445	ug/l		99
16) Acetone	3.79	43	302439	175.783	ug/l		98
17) Carbon Disulfide	4.02	76	307183	42.801	ug/l		99
18) Methyl Acetate	4.29	43	182011	50.485	ug/l		100
19) Methyl tert-butyl Ether	5.01	73	383059	51.939	ug/l		99
20) Methylene Chloride	4.52	84	120670	48.562	ug/l		97
21) trans-1,2-Dichloroethene	5.01	96	113183	48.606	ug/l		98
22) Diisopropyl ether	5.92	45	429723	54.358	ug/l		99
23) Vinyl Acetate	5.86	43	1842965	297.066	ug/l		99
24) 1,1-Dichloroethane	5.82	63	238341	53.223	ug/l		99
25) 2-Butanone	6.81	43	494975	240.581	ug/l		98
26) 2,2-Dichloropropane	6.80	77	198743	48.832	ug/l		99
27) cis-1,2-Dichloroethene	6.80	96	133356	51.682	ug/l		98
28) Bromochloromethane	7.17	49	98033	52.078	ug/l		98
29) Tetrahydrofuran	7.18	42	336185	268.186	ug/l		99
30) Chloroform	7.35	83	241852	54.868	ug/l		100
31) Cyclohexane	7.63	56	209937	49.615	ug/l		99
32) 1,1,1-Trichloroethane	7.55	97	201462	50.695	ug/l		99
36) 1,1-Dichloropropene	7.77	75	180095	53.603	ug/l		100
37) Ethyl Acetate	6.90	43	211147	54.071	ug/l		100
38) Carbon Tetrachloride	7.75	117	179372	51.449	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	201864	52.969	ug/l		98
40) Benzene	8.02	78	515039	52.455	ug/l		99
41) Methacrylonitrile	7.15	41	89276m	55.396	ug/l		
42) 1,2-Dichloroethane	8.10	62	201466	53.579	ug/l		100
43) Isopropyl Acetate	8.14	43	342248	56.372	ug/l		99
44) Trichloroethene	8.82	130	129367	50.302	ug/l		99
45) 1,2-Dichloropropane	9.10	63	140677	53.057	ug/l		99
46) Dibromomethane	9.19	93	88718	51.074	ug/l		97
47) Bromodichloromethane	9.39	83	186548	53.865	ug/l		100
48) Methyl methacrylate	9.18	41	147200	53.440	ug/l		99
49) 1,4-Dioxane	9.19	88	36472	923.959	ug/l		97
51) 4-Methyl-2-Pentanone	9.97	43	1413939	390.613	ug/l		97
52) Toluene	10.14	92	469835	77.879	ug/l		98
53) t-1,3-Dichloropropene	10.37	75	303854	75.862	ug/l		100
54) cis-1,3-Dichloropropene	9.83	75	227868	54.122	ug/l		98
55) 1,1,2-Trichloroethane	10.55	97	181746	76.772	ug/l		99
56) Ethyl methacrylate	10.42	69	299152	85.121	ug/l	#	89
57) 1,3-Dichloropropane	10.70	76	271800	65.941	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.68	63	359018	321.205	ug/l		98
59) 2-Hexanone	10.74	43	860726	301.704	ug/l		99
60) Dibromochloromethane	10.90	129	146289	56.619	ug/l		99
61) 1,2-Dibromoethane	11.00	107	169316	67.438	ug/l		99
64) Tetrachloroethene	10.62	164	164364	52.015	ug/l		98
65) Chlorobenzene	11.43	112	359350	48.994	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.50	131	140165	50.312	ug/l		100
67) Ethyl Benzene	11.50	91	674211	50.925	ug/l		100
68) m/p-Xylenes	11.62	106	484839	99.173	ug/l		99
69) o-Xylene	11.94	106	230760	49.607	ug/l		99
70) Styrene	11.96	104	380545	50.917	ug/l		99
71) Bromoform	12.12	173	108299	51.714	ug/l	#	98
73) Isopropylbenzene	12.25	105	628325	51.675	ug/l		100
74) N-amyl acetate	12.07	43	296472	53.156	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.50	83	198946	51.580	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	201853m	52.642	ug/l		
77) Bromobenzene	12.52	156	146831	49.104	ug/l		97
78) n-propylbenzene	12.59	91	756946	52.664	ug/l		100
79) 2-Chlorotoluene	12.67	91	440878	50.727	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	530041	51.512	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.29	75	77360	49.830	ug/l		98
82) 4-Chlorotoluene	12.77	91	450402	50.614	ug/l		99
83) tert-Butylbenzene	12.99	119	436969	50.146	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	539330	52.713	ug/l		99
85) sec-Butylbenzene	13.17	105	605087	52.202	ug/l		99
86) p-Isopropyltoluene	13.28	119	539758	51.414	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	260099	47.304	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	258705	46.666	ug/l		99
89) n-Butylbenzene	13.61	91	502678	51.072	ug/l		100
90) Hexachloroethane	13.87	117	101675	51.237	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	254536	46.940	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46512	44.422	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	162958	46.538	ug/l	99
94) Hexachlorobutadiene	15.00	225	79754	43.524	ug/l	98
95) Naphthalene	15.12	128	493181	47.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	166035	46.882	ug/l	99

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

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