Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113020\
Data File : VN064869.D
Acq On : 30 Nov 2020 13:44
Operator : JC/MD
Sample : VN1130WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1130WBS01

Manual Integrations APPROVED
MMDadoda
12/1/2020 9:35:09 AM

Quant Time: Dec 01 02:00:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	202371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	289223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	115751	49.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.40%			
35) Dibromofluoromethane	7.55	113	93360	48.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.84%			
50) Toluene-d8	10.06	98	380960	48.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.72%			
62) 4-Bromofluorobenzene	12.38	95	134842	47.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	29592	16.872	ug/l	100
3) Chloromethane	2.04	50	37646	16.517	ug/l	99
4) Vinyl Chloride	2.16	62	41195	17.336	ug/l	97
5) Bromomethane	2.53	94	25324	16.244	ug/l	95
6) Chloroethane	2.67	64	26003	17.693	ug/l	98
7) Trichlorofluoromethane	2.99	101	58106	17.690	ug/l	97
8) Diethyl Ether	3.37	74	23215	17.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34345	17.430	ug/l	97
10) Methyl Iodide	3.91	142	40845	15.981	ug/l	98
11) Tert butyl alcohol	4.75	59	32439	88.412	ug/l	100
12) 1,1-Dichloroethene	3.69	96	34017	17.334	ug/l	97
13) Acrolein	3.56	56	20518	91.552	ug/l	98
14) Allyl chloride	4.28	41	56625	17.495	ug/l	99
15) Acrylonitrile	4.94	53	91785	90.554	ug/l	98
16) Acetone	3.78	43	72289	93.469	ug/l	97
17) Carbon Disulfide	4.00	76	88969	17.562	ug/l	100
18) Methyl Acetate	4.28	43	43390	18.660	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	113152	17.978	ug/l	100
20) Methylene Chloride	4.50	84	42476	17.527	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	37442	17.181	ug/l	95
22) Diisopropyl ether	5.91	45	123441	19.054	ug/l	98
23) Vinyl Acetate	5.85	43	471493	91.011	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70974	18.331	ug/l	99
25) 2-Butanone	6.79	43	117636	93.830	ug/l	98
26) 2,2-Dichloropropane	6.78	77	57639	17.165	ug/l	76
27) cis-1,2-Dichloroethene	6.78	96	43075	17.566	ug/l	99
28) Bromochloromethane	7.15	49	32658	18.438	ug/l	95
29) Tetrahydrofuran	7.17	42	76230	88.083	ug/l	97
30) Chloroform	7.33	83	71882	18.003	ug/l	99
31) Cyclohexane	7.61	56	56523	17.237	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	61500	17.934	ug/l	99
36) 1,1-Dichloropropene	7.75	75	52017	17.416	ug/l	99
37) Ethyl Acetate	6.89	43	49318	17.142	ug/l	99
38) Carbon Tetrachloride	7.73	117	54372	17.496	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	57178	17.784	ug/l		97
40) Benzene	8.00	78	162075	17.709	ug/l		97
41) Methacrylonitrile	7.14	41	25016m	18.844	ug/l		
42) 1,2-Dichloroethane	8.09	62	52944	17.148	ug/l		99
43) Isopropyl Acetate	8.13	43	79279	17.125	ug/l		99
44) Trichloroethene	8.80	130	48479	17.953	ug/l		96
45) 1,2-Dichloropropane	9.08	63	43497	18.352	ug/l		97
46) Dibromomethane	9.17	93	28235	17.832	ug/l		100
47) Bromodichloromethane	9.37	83	57295	17.983	ug/l		100
48) Methyl methacrylate	9.17	41	37736	17.059	ug/l		97
49) 1,4-Dioxane	9.17	88	14434	345.235	ug/l		96
51) 4-Methyl-2-Pentanone	9.95	43	252866	90.983	ug/l		100
52) Toluene	10.13	92	100614	17.851	ug/l		99
53) t-1,3-Dichloropropene	10.35	75	60710	17.108	ug/l		100
54) cis-1,3-Dichloropropene	9.81	75	67417	17.725	ug/l		99
55) 1,1,2-Trichloroethane	10.53	97	41278	17.810	ug/l		97
56) Ethyl methacrylate	10.40	69	57183	17.879	ug/l		100
57) 1,3-Dichloropropane	10.68	76	68375	17.884	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.66	63	160363	91.151	ug/l		99
59) 2-Hexanone	10.72	43	179833	89.908	ug/l		99
60) Dibromochloromethane	10.87	129	45474	17.651	ug/l		100
61) 1,2-Dibromoethane	10.98	107	42597	18.090	ug/l		100
64) Tetrachloroethene	10.60	164	54164	19.249	ug/l		98
65) Chlorobenzene	11.41	112	113077	18.206	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41419	18.146	ug/l		98
67) Ethyl Benzene	11.48	91	186941	18.017	ug/l		99
68) m/p-Xylenes	11.60	106	147142	37.456	ug/l		96
69) o-Xylene	11.92	106	70110	18.807	ug/l		98
70) Styrene	11.94	104	117644	18.694	ug/l		99
71) Bromoform	12.10	173	31809	17.448	ug/l	#	99
73) Isopropylbenzene	12.22	105	183265	18.820	ug/l		100
74) N-amyl acetate	12.04	43	67317	17.567	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	48963	17.155	ug/l		99
76) 1,2,3-Trichloropropane	12.53	75	51260m	17.002	ug/l		
77) Bromobenzene	12.50	156	47936	18.260	ug/l		98
78) n-propylbenzene	12.57	91	207438	18.700	ug/l		100
79) 2-Chlorotoluene	12.65	91	125949	18.368	ug/l		98
80) 1,3,5-Trimethylbenzene	12.71	105	155731	19.241	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.27	75	18456	16.778	ug/l		95
82) 4-Chlorotoluene	12.75	91	129868	18.068	ug/l		100
83) tert-Butylbenzene	12.97	119	130499	19.236	ug/l		100
84) 1,2,4-Trimethylbenzene	13.01	105	154964	18.936	ug/l		99
85) sec-Butylbenzene	13.14	105	174597	19.383	ug/l		99
86) p-Isopropyltoluene	13.26	119	160615	19.585	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	84326	18.079	ug/l		100
88) 1,4-Dichlorobenzene	13.34	146	85343	17.302	ug/l		99
89) n-Butylbenzene	13.59	91	134495	18.675	ug/l		98
90) Hexachloroethane	13.85	117	25787	18.101	ug/l		100
91) 1,2-Dichlorobenzene	13.63	146	81006	17.688	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10954	17.057	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47082	16.619 ug/l	100
94) Hexachlorobutadiene	14.98	225	23473	18.635 ug/l	99
95) Naphthalene	15.10	128	137173	16.162 ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	45598	17.857 ug/l	99

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

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