Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
Data File : VN066275.D
Acq On : 19 Mar 2021 13:01
Operator : JC/MD
Sample : VN0319WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBS01

Manual Integrations APPROVED
MMDadoda
3/22/2021 11:50:23 AM

Quant Time: Mar 20 04:56:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.585	168	293888	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.513	114	428483	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	396981	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	198575	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.947	65	171241	40.44	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 80.88%				
35) Dibromofluoromethane	7.504	113	136579	49.96	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.92%				
50) Toluene-d8	10.025	98	503842	47.67	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.34%				
62) 4-Bromofluorobenzene	12.342	95	171442	45.00	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.821	85	48402	16.74	ug/l		99
3) Chloromethane	2.017	50	72039	15.25	ug/l		98
4) Vinyl Chloride	2.148	62	65994	15.81	ug/l		99
5) Bromomethane	2.521	94	37561	15.73	ug/l		98
6) Chloroethane	2.658	64	37357	15.47	ug/l		92
7) Trichlorofluoromethane	2.966	101	84142	17.22	ug/l		99
8) Diethyl Ether	3.342	74	32544	16.31	ug/l		88
9) 1,1,2-Trichlorotrifluo...	3.680	101	45431	17.55	ug/l		95
10) Methyl Iodide	3.867	142	60382	16.48	ug/l		100
11) Tert butyl alcohol	4.726	59	58616	81.10	ug/l	#	92
12) 1,1-Dichloroethene	3.661	96	44087	15.98	ug/l		99
13) Acrolein	3.529	56	39490	56.30	ug/l		97
14) Allyl chloride	4.227	41	110046	16.83	ug/l	#	91
15) Acrylonitrile	4.884	53	181190	83.71	ug/l		100
16) Acetone	3.741	43	182416	89.68	ug/l		100
17) Carbon Disulfide	3.967	76	121139	15.54	ug/l		98
18) Methyl Acetate	4.237	43	107231	18.84	ug/l		99
19) Methyl tert-butyl Ether	4.940	73	177270	16.81	ug/l		100
20) Methylene Chloride	4.447	84	54714	17.19	ug/l		94
21) trans-1,2-Dichloroethene	4.932	96	51549	16.86	ug/l		97
22) Diisopropyl ether	5.857	45	210617	15.68	ug/l	#	95
23) Vinyl Acetate	5.798	43	824841	71.64	ug/l	#	94
24) 1,1-Dichloroethane	5.745	63	118414	17.69	ug/l		98
25) 2-Butanone	6.748	43	226257	71.62	ug/l	#	86
26) 2,2-Dichloropropane	6.726	77	93069	16.82	ug/l		78
27) cis-1,2-Dichloroethene	6.729	96	63548	18.03	ug/l		83
28) Bromochloromethane	7.099	49	52104	14.73	ug/l	#	75
29) Tetrahydrofuran	7.129	42	150566	69.21	ug/l		89
30) Chloroform	7.282	83	106984	17.51	ug/l		99
31) Cyclohexane	7.568	56	87682	13.82	ug/l	#	89
32) 1,1,1-Trichloroethane	7.485	97	94145	17.92	ug/l		96
36) 1,1-Dichloropropene	7.711	75	76503	17.63	ug/l		95
37) Ethyl Acetate	6.842	43	90686	14.62	ug/l	#	93
38) Carbon Tetrachloride	7.686	117	77828	20.01	ug/l		97
39) Methylcyclohexane	9.009	83	77137	16.55	ug/l		94
40) Benzene	7.960	78	244738	18.79	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.080	41	51829m	16.95	ug/l		
42) 1,2-Dichloroethane	8.046	62	84083	17.79	ug/l		94
43) Isopropyl Acetate	8.091	43	144378	15.05	ug/l	#	93
44) Trichloroethene	8.765	130	65314	20.63	ug/l		92
45) 1,2-Dichloropropane	9.049	63	70809	18.78	ug/l		97
46) Dibromomethane	9.137	93	42093	20.04	ug/l		92
47) Bromodichloromethane	9.336	83	84086	18.36	ug/l		94
48) Methyl methacrylate	9.135	41	65707	14.45	ug/l		89
49) 1,4-Dioxane	9.140	88	15454	313.29	ug/l		92
51) 4-Methyl-2-Pentanone	9.921	43	455281	78.56	ug/l		93
52) Toluene	10.090	92	146281	19.38	ug/l		99
53) t-1,3-Dichloropropene	10.320	75	87248	16.85	ug/l		96
54) cis-1,3-Dichloropropene	9.773	75	99143	17.62	ug/l	#	88
55) 1,1,2-Trichloroethane	10.500	97	61951	20.03	ug/l		94
56) Ethyl methacrylate	10.371	69	76980	15.50	ug/l	#	84
57) 1,3-Dichloropropane	10.645	76	102742	18.41	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.631	63	43013	103.61	ug/l		93
59) 2-Hexanone	10.693	43	319104	71.38	ug/l		93
60) Dibromochloromethane	10.840	129	64177	19.81	ug/l		99
61) 1,2-Dibromoethane	10.945	107	60355	19.60	ug/l		98
64) Tetrachloroethene	10.570	164	71411	21.69	ug/l		96
65) Chlorobenzene	11.374	112	154484	19.39	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.449	131	60177	20.17	ug/l		97
67) Ethyl Benzene	11.452	91	246996	17.48	ug/l		94
68) m/p-Xylenes	11.562	106	195852	37.37	ug/l		91
69) o-Xylene	11.889	106	90194	17.91	ug/l		91
70) Styrene	11.905	104	153987	17.90	ug/l		95
71) Bromoform	12.069	173	47826	20.22	ug/l	#	100
73) Isopropylbenzene	12.192	105	234017	16.82	ug/l		96
74) N-amyl acetate	12.015	43	79126	11.96	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.447	83	86411	17.77	ug/l		99
76) 1,2,3-Trichloropropane	12.498	75	81119m	15.82	ug/l		
77) Bromobenzene	12.466	156	70505	19.32	ug/l		83
78) n-propylbenzene	12.533	91	269333	16.83	ug/l		95
79) 2-Chlorotoluene	12.616	91	169125	17.30	ug/l		94
80) 1,3,5-Trimethylbenzene	12.678	105	201887	17.49	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.243	75	24782	14.46	ug/l		92
82) 4-Chlorotoluene	12.715	91	173467	16.64	ug/l		95
83) tert-Butylbenzene	12.938	119	162066	16.09	ug/l		96
84) 1,2,4-Trimethylbenzene	12.981	105	198125	17.55	ug/l		96
85) sec-Butylbenzene	13.115	105	221582	17.16	ug/l		97
86) p-Isopropyltoluene	13.233	119	193610	17.10	ug/l		98
87) 1,3-Dichlorobenzene	13.225	146	118194	19.11	ug/l		98
88) 1,4-Dichlorobenzene	13.305	146	123183	19.01	ug/l		94
89) n-Butylbenzene	13.557	91	152601	15.07	ug/l		98
90) Hexachloroethane	13.815	117	34925	17.62	ug/l		93
91) 1,2-Dichlorobenzene	13.595	146	121043	19.86	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	16137	15.46	ug/l		83
93) 1,2,4-Trichlorobenzene	14.850	180	69761	17.52	ug/l		97
94) Hexachlorobutadiene	14.947	225	37119	19.18	ug/l		100
95) Naphthalene	15.070	128	190442	16.36	ug/l		99
96) 1,2,3-Trichlorobenzene	15.247	180	72488	18.28	ug/l		98

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

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