Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
Data File : VN065979.D
Acq On : 23 Feb 2021 12:25
Operator : JC/MD
Sample : VN0223WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBS01

Manual Integrations APPROVED
MMDadoda
2/24/2021 1:41:41 PM

Quant Time: Feb 24 00:32:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	118910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	202906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	183458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	82825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	82265	49.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.94%			
35) Dibromofluoromethane	7.550	113	62038	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.80%			
50) Toluene-d8	10.058	98	245250	47.58	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.16%			
62) 4-Bromofluorobenzene	12.373	95	92418	47.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.853	85	26931	17.30	ug/l	98
3) Chloromethane	2.055	50	30173	15.47	ug/l	97
4) Vinyl Chloride	2.184	62	30684	15.97	ug/l	100
5) Bromomethane	2.554	94	20457	17.38	ug/l	99
6) Chloroethane	2.692	64	17141	15.81	ug/l	94
7) Trichlorofluoromethane	3.007	101	42799	17.89	ug/l	99
8) Diethyl Ether	3.389	74	15576	17.74	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.734	101	21255	16.79	ug/l	99
10) Methyl Iodide	3.926	142	29808	15.08	ug/l	97
11) Tert butyl alcohol	4.746	59	23827	103.05	ug/l	100
12) 1,1-Dichloroethene	3.711	96	23550	17.63	ug/l	97
13) Acrolein	3.579	56	18104	85.56	ug/l	98
14) Allyl chloride	4.293	41	38719	16.98	ug/l	99
15) Acrylonitrile	4.942	53	55269	86.20	ug/l	99
16) Acetone	3.788	43	45919	86.86	ug/l	96
17) Carbon Disulfide	4.023	76	65450	17.21	ug/l	99
18) Methyl Acetate	4.293	43	24878	18.11	ug/l	96
19) Methyl tert-butyl Ether	5.004	73	78830	18.35	ug/l	97
20) Methylene Chloride	4.515	84	25562	16.58	ug/l	99
21) trans-1,2-Dichloroethene	4.997	96	26052	18.56	ug/l	94
22) Diisopropyl ether	5.910	45	75849	16.63	ug/l	98
23) Vinyl Acetate	5.849	43	313652	87.68	ug/l	99
24) 1,1-Dichloroethane	5.807	63	44643	16.94	ug/l	98
25) 2-Butanone	6.788	43	70236	85.33	ug/l	98
26) 2,2-Dichloropropane	6.778	77	42613	20.62	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	28888	18.07	ug/l	95
28) Bromochloromethane	7.155	49	19475	16.04	ug/l	99
29) Tetrahydrofuran	7.171	42	47707	84.19	ug/l	99
30) Chloroform	7.331	83	46519	17.87	ug/l	100
31) Cyclohexane	7.614	56	41118	16.58	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	42369	19.41	ug/l	100
36) 1,1-Dichloropropene	7.753	75	35945	17.97	ug/l	99
37) Ethyl Acetate	6.885	43	29305	16.22	ug/l	95
38) Carbon Tetrachloride	7.733	117	35334	19.00	ug/l	96
39) Methylcyclohexane	9.045	83	39109	17.40	ug/l	95
40) Benzene	8.000	78	106416	17.34	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.122	41	14661	16.76	ug/l	#	100
42) 1,2-Dichloroethane	8.084	62	38634	19.15	ug/l		98
43) Isopropyl Acetate	8.126	43	52398	18.20	ug/l		97
44) Trichloroethene	8.801	130	28787	18.96	ug/l		100
45) 1,2-Dichloropropane	9.081	63	26651	16.95	ug/l		100
46) Dibromomethane	9.174	93	17187	17.95	ug/l		96
47) Bromodichloromethane	9.367	83	38074	19.53	ug/l		98
48) Methyl methacrylate	9.164	41	25398	17.41	ug/l		97
49) 1,4-Dioxane	9.161	88	9745	392.03	ug/l		92
51) 4-Methyl-2-Pentanone	9.949	43	150064	85.65	ug/l		99
52) Toluene	10.122	92	66252	17.57	ug/l		98
53) t-1,3-Dichloropropene	10.347	75	44686	19.78	ug/l		96
54) cis-1,3-Dichloropropene	9.807	75	46453	19.22	ug/l		98
55) 1,1,2-Trichloroethane	10.531	97	25291	17.93	ug/l		97
56) Ethyl methacrylate	10.396	69	37721	17.78	ug/l		97
57) 1,3-Dichloropropane	10.672	76	44090	17.73	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.659	63	81235	80.21	ug/l		99
59) 2-Hexanone	10.720	43	102646	82.25	ug/l		98
60) Dibromochloromethane	10.871	129	27284	18.92	ug/l		99
61) 1,2-Dibromoethane	10.974	107	25940	18.10	ug/l		100
64) Tetrachloroethene	10.601	164	28138	19.87	ug/l		96
65) Chlorobenzene	11.402	112	70563	18.39	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.479	131	26969	20.47	ug/l		96
67) Ethyl Benzene	11.482	91	128136	18.45	ug/l		96
68) m/p-Xylenes	11.592	106	96311	37.17	ug/l		96
69) o-Xylene	11.920	106	47318	18.94	ug/l		96
70) Styrene	11.936	104	77065	18.74	ug/l		96
71) Bromoform	12.100	173	16926	18.51	ug/l	#	97
73) Isopropylbenzene	12.222	105	123835	18.32	ug/l		98
74) N-amyl acetate	12.045	43	35923	15.32	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.476	83	33801	16.95	ug/l		97
76) 1,2,3-Trichloropropane	12.524	75	36058m	18.12	ug/l		
77) Bromobenzene	12.498	156	29074	18.80	ug/l		89
78) n-propylbenzene	12.563	91	136586	17.77	ug/l		100
79) 2-Chlorotoluene	12.646	91	84401	17.52	ug/l		96
80) 1,3,5-Trimethylbenzene	12.704	105	107331	18.69	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.273	75	11670	18.69	ug/l		97
82) 4-Chlorotoluene	12.743	91	88529	18.20	ug/l		96
83) tert-Butylbenzene	12.965	119	86856	18.30	ug/l		98
84) 1,2,4-Trimethylbenzene	13.010	105	105110	18.23	ug/l		99
85) sec-Butylbenzene	13.142	105	112899	18.33	ug/l		99
86) p-Isopropyltoluene	13.260	119	102708	18.36	ug/l		98
87) 1,3-Dichlorobenzene	13.254	146	50519	18.45	ug/l		98
88) 1,4-Dichlorobenzene	13.334	146	50515	18.06	ug/l		94
89) n-Butylbenzene	13.585	91	86188	18.28	ug/l		99
90) Hexachloroethane	13.846	117	13412	14.16	ug/l		99
91) 1,2-Dichlorobenzene	13.624	146	50856	18.53	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	8299	21.60	ug/l		82
93) 1,2,4-Trichlorobenzene	14.881	180	29230	21.22	ug/l		98
94) Hexachlorobutadiene	14.981	225	12121	19.02	ug/l		97
95) Naphthalene	15.100	128	91990	21.03	ug/l		100
96) 1,2,3-Trichlorobenzene	15.280	180	29276	21.10	ug/l		97

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

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