Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
Data File : VN065443.D
Acq On : 8 Jan 2021 15:00
Operator : JC/MD
Sample : VN0108WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBSD01

Manual Integrations APPROVED
MMDadoda
1/11/2021 6:21:03 PM

Quant Time: Jan 08 22:47:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.630	168	338354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	500734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	451727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	207515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	184529	48.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.62%			
35) Dibromofluoromethane	7.553	113	156974	51.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.92%			
50) Toluene-d8	10.061	98	571182	50.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.90%			
62) 4-Bromofluorobenzene	12.376	95	205006	46.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	47679	15.23	ug/l	100
3) Chloromethane	2.055	50	57876	16.24	ug/l	99
4) Vinyl Chloride	2.180	62	61906	16.70	ug/l	100
5) Bromomethane	2.541	94	45566	17.29	ug/l	96
6) Chloroethane	2.685	64	41183	17.19	ug/l	97
7) Trichlorofluoromethane	3.000	101	96060	17.32	ug/l	99
8) Diethyl Ether	3.389	74	38205	17.50	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.727	101	54337	17.47	ug/l	96
10) Methyl Iodide	3.917	142	84077	17.89	ug/l	95
11) Tert butyl alcohol	4.778	59	47172	75.47	ug/l	100
12) 1,1-Dichloroethene	3.705	96	55284	16.64	ug/l	98
13) Acrolein	3.579	56	35802	86.29	ug/l	98
14) Allyl chloride	4.283	41	86838	15.85	ug/l	94
15) Acrylonitrile	4.952	53	130888	86.66	ug/l	99
16) Acetone	3.791	43	115718	64.20	ug/l	97
17) Carbon Disulfide	4.013	76	117448	13.81	ug/l	98
18) Methyl Acetate	4.296	43	64828	18.90	ug/l	97
19) Methyl tert-butyl Ether	5.010	73	181683	17.21	ug/l	100
20) Methylene Chloride	4.512	84	61416	16.48	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	56460	17.31	ug/l	97
22) Diisopropyl ether	5.920	45	189574	17.38	ug/l	97
23) Vinyl Acetate	5.859	43	760459	82.74	ug/l	98
24) 1,1-Dichloroethane	5.804	63	105935	17.71	ug/l	99
25) 2-Butanone	6.804	43	173749	81.02	ug/l	99
26) 2,2-Dichloropropane	6.785	77	89034	15.58	ug/l	99
27) cis-1,2-Dichloroethene	6.788	96	68583	18.06	ug/l	97
28) Bromochloromethane	7.155	49	45630	17.20	ug/l	92
29) Tetrahydrofuran	7.180	42	115957	83.62	ug/l	99
30) Chloroform	7.335	83	112511	18.27	ug/l	97
31) Cyclohexane	7.618	56	88157	15.63	ug/l	95
32) 1,1,1-Trichloroethane	7.534	97	95983	17.20	ug/l	100
36) 1,1-Dichloropropene	7.756	75	78010	17.13	ug/l	98
37) Ethyl Acetate	6.894	43	75617	16.76	ug/l	98
38) Carbon Tetrachloride	7.737	117	80688	16.87	ug/l	99
39) Methylcyclohexane	9.048	83	86432	15.80	ug/l	99
40) Benzene	8.007	78	242743	17.92	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.132	41	37567	16.00	ug/l		87
42) 1,2-Dichloroethane	8.090	62	89442	17.87	ug/l		97
43) Isopropyl Acetate	8.135	43	129389	16.64	ug/l		99
44) Trichloroethene	8.801	130	73256	18.74	ug/l		98
45) 1,2-Dichloropropane	9.087	63	64924	18.44	ug/l		100
46) Dibromomethane	9.177	93	43425	18.16	ug/l		91
47) Bromodichloromethane	9.370	83	86253	17.11	ug/l		98
48) Methyl methacrylate	9.171	41	62853	16.65	ug/l		98
49) 1,4-Dioxane	9.171	88	20493	334.89	ug/l		94
51) 4-Methyl-2-Pentanone	9.955	43	380806	87.08	ug/l		98
52) Toluene	10.125	92	158645	18.58	ug/l		100
53) t-1,3-Dichloropropene	10.354	75	92558	16.29	ug/l		98
54) cis-1,3-Dichloropropene	9.807	75	101686	16.84	ug/l		96
55) 1,1,2-Trichloroethane	10.534	97	62867	18.61	ug/l		97
56) Ethyl methacrylate	10.402	69	90191	17.24	ug/l		96
57) 1,3-Dichloropropane	10.679	76	104062	18.67	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.666	63	180158	79.17	ug/l		98
59) 2-Hexanone	10.724	43	266360	82.85	ug/l		97
60) Dibromochloromethane	10.875	129	69142	17.17	ug/l		100
61) 1,2-Dibromoethane	10.978	107	66389	18.31	ug/l		100
64) Tetrachloroethene	10.601	164	82761	18.87	ug/l		95
65) Chlorobenzene	11.405	112	174355	18.96	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.479	131	66973	18.72	ug/l		99
67) Ethyl Benzene	11.482	91	299283	18.06	ug/l		99
68) m/p-Xylenes	11.595	106	227694	36.48	ug/l		100
69) o-Xylene	11.920	106	111391	18.38	ug/l		100
70) Styrene	11.936	104	184922	18.29	ug/l		100
71) Bromoform	12.100	173	51528	16.73	ug/l	#	100
73) Isopropylbenzene	12.222	105	292572	18.51	ug/l		99
74) N-amyl acetate	12.045	43	104434	16.60	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.476	83	81591	19.15	ug/l		99
76) 1,2,3-Trichloropropane	12.527	75	80404m	18.99	ug/l		
77) Bromobenzene	12.498	156	81672	19.77	ug/l		87
78) n-propylbenzene	12.566	91	315856	17.70	ug/l		98
79) 2-Chlorotoluene	12.646	91	192684	18.34	ug/l		95
80) 1,3,5-Trimethylbenzene	12.707	105	245241	18.20	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.273	75	24538	14.62	ug/l	#	84
82) 4-Chlorotoluene	12.746	91	195259	18.05	ug/l		98
83) tert-Butylbenzene	12.968	119	209951	18.28	ug/l		99
84) 1,2,4-Trimethylbenzene	13.013	105	243769	18.58	ug/l		100
85) sec-Butylbenzene	13.145	105	266424	17.49	ug/l		99
86) p-Isopropyltoluene	13.260	119	246959	17.68	ug/l		99
87) 1,3-Dichlorobenzene	13.257	146	129981	18.82	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	127709	18.42	ug/l		97
89) n-Butylbenzene	13.588	91	198421	16.62	ug/l		98
90) Hexachloroethane	13.846	117	39226	16.34	ug/l		82
91) 1,2-Dichlorobenzene	13.627	146	129844	19.57	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	14973	17.05	ug/l		92
93) 1,2,4-Trichlorobenzene	14.881	180	59622	16.52	ug/l		98
94) Hexachlorobutadiene	14.981	225	43575	16.64	ug/l		98
95) Naphthalene	15.103	128	153122	16.65	ug/l		100
96) 1,2,3-Trichlorobenzene	15.283	180	59210	17.76	ug/l		98

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

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