Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
Data File : VN065980.D
Acq On : 23 Feb 2021 12:55
Operator : JC/MD
Sample : VN0223WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 24 00:32:59 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

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	114655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	193930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	177522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	80410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	80138	49.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.96%			
35) Dibromofluoromethane	7.550	113	58780	48.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.94%			
50) Toluene-d8	10.058	98	236006	47.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.80%			
62) 4-Bromofluorobenzene	12.373	95	87140	47.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.853	85	24526	16.34	ug/l	100
3) Chloromethane	2.055	50	29603	15.74	ug/l	99
4) Vinyl Chloride	2.184	62	29161	15.74	ug/l	96
5) Bromomethane	2.554	94	19661	17.32	ug/l	97
6) Chloroethane	2.692	64	16325	15.62	ug/l	99
7) Trichlorofluoromethane	3.007	101	40637	17.61	ug/l	99
8) Diethyl Ether	3.390	74	14809	17.49	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.734	101	20402	16.72	ug/l	96
10) Methyl Iodide	3.927	142	28958	15.19	ug/l	97
11) Tert butyl alcohol	4.746	59	23468	105.27	ug/l	96
12) 1,1-Dichloroethene	3.714	96	21265	16.51	ug/l	97
13) Acrolein	3.582	56	17364	85.11	ug/l	97
14) Allyl chloride	4.290	41	37475	17.05	ug/l	97
15) Acrylonitrile	4.943	53	54967	88.91	ug/l	98
16) Acetone	3.788	43	43086	84.48	ug/l	96
17) Carbon Disulfide	4.026	76	61545	16.78	ug/l	99
18) Methyl Acetate	4.293	43	23232	17.54	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	79393	19.16	ug/l	98
20) Methylene Chloride	4.518	84	25035	16.84	ug/l	95
21) trans-1,2-Dichloroethene	5.004	96	24221	17.90	ug/l	93
22) Diisopropyl ether	5.910	45	73664	16.75	ug/l	99
23) Vinyl Acetate	5.852	43	306941	88.99	ug/l	100
24) 1,1-Dichloroethane	5.804	63	44038	17.33	ug/l	97
25) 2-Butanone	6.791	43	69239	87.24	ug/l	98
26) 2,2-Dichloropropane	6.782	77	40918	20.53	ug/l	96
27) cis-1,2-Dichloroethene	6.785	96	27618	17.91	ug/l	96
28) Bromochloromethane	7.155	49	18588	15.87	ug/l	100
29) Tetrahydrofuran	7.171	42	45444	83.17	ug/l	95
30) Chloroform	7.332	83	44771	17.84	ug/l	94
31) Cyclohexane	7.614	56	39309	16.44	ug/l #	89
32) 1,1,1-Trichloroethane	7.531	97	40820	19.39	ug/l	99
36) 1,1-Dichloropropene	7.753	75	33753	17.65	ug/l	98
37) Ethyl Acetate	6.881	43	28427	16.46	ug/l	96
38) Carbon Tetrachloride	7.737	117	33394	18.79	ug/l	97
39) Methylcyclohexane	9.045	83	37725	17.56	ug/l	98
40) Benzene	8.004	78	101044	17.22	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.129	41	14872	17.79	ug/l	#	100
42) 1,2-Dichloroethane	8.087	62	36956	19.17	ug/l		99
43) Isopropyl Acetate	8.126	43	51779	18.81	ug/l		98
44) Trichloroethene	8.801	130	26890	18.53	ug/l		99
45) 1,2-Dichloropropane	9.084	63	25907	17.24	ug/l		97
46) Dibromomethane	9.174	93	17134	18.72	ug/l		95
47) Bromodichloromethane	9.367	83	36964	19.84	ug/l		99
48) Methyl methacrylate	9.164	41	24365	17.47	ug/l		99
49) 1,4-Dioxane	9.164	88	9109	383.40	ug/l		91
51) 4-Methyl-2-Pentanone	9.949	43	144624	86.37	ug/l		99
52) Toluene	10.122	92	65502	18.18	ug/l		94
53) t-1,3-Dichloropropene	10.351	75	43149	19.96	ug/l		98
54) cis-1,3-Dichloropropene	9.804	75	45428	19.66	ug/l		98
55) 1,1,2-Trichloroethane	10.531	97	25274	18.74	ug/l		99
56) Ethyl methacrylate	10.396	69	37509	18.50	ug/l		98
57) 1,3-Dichloropropane	10.675	76	43503	18.30	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.659	63	80083	82.73	ug/l		99
59) 2-Hexanone	10.720	43	101726	85.28	ug/l		100
60) Dibromochloromethane	10.872	129	26466	19.20	ug/l		98
61) 1,2-Dibromoethane	10.974	107	26048	19.02	ug/l		97
64) Tetrachloroethene	10.601	164	27450	20.03	ug/l		96
65) Chlorobenzene	11.402	112	68898	18.56	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.479	131	25335	19.87	ug/l		97
67) Ethyl Benzene	11.482	91	124283	18.50	ug/l		99
68) m/p-Xylenes	11.592	106	94922	37.86	ug/l		98
69) o-Xylene	11.917	106	45412	18.78	ug/l		95
70) Styrene	11.936	104	74412	18.70	ug/l		95
71) Bromoform	12.100	173	17240	19.35	ug/l	#	99
73) Isopropylbenzene	12.219	105	117570	17.92	ug/l		99
74) N-amyl acetate	12.045	43	34519	15.16	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.476	83	34414	17.77	ug/l		99
76) 1,2,3-Trichloropropane	12.524	75	34514m	17.87	ug/l		
77) Bromobenzene	12.499	156	27377	18.23	ug/l		85
78) n-propylbenzene	12.563	91	129822	17.39	ug/l		99
79) 2-Chlorotoluene	12.646	91	80989	17.31	ug/l		98
80) 1,3,5-Trimethylbenzene	12.704	105	102123	18.32	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.273	75	11221	18.51	ug/l		97
82) 4-Chlorotoluene	12.746	91	84103	17.81	ug/l		98
83) tert-Butylbenzene	12.965	119	85348	18.53	ug/l		99
84) 1,2,4-Trimethylbenzene	13.010	105	100202	17.90	ug/l		97
85) sec-Butylbenzene	13.145	105	106408	17.79	ug/l		99
86) p-Isopropyltoluene	13.261	119	99499	18.32	ug/l		98
87) 1,3-Dichlorobenzene	13.254	146	47574	17.90	ug/l		96
88) 1,4-Dichlorobenzene	13.335	146	49138	18.10	ug/l		96
89) n-Butylbenzene	13.585	91	82849	18.10	ug/l		98
90) Hexachloroethane	13.846	117	12501	13.60	ug/l		100
91) 1,2-Dichlorobenzene	13.627	146	48827	18.32	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7988	21.42	ug/l		81
93) 1,2,4-Trichlorobenzene	14.878	180	27432	20.60	ug/l		98
94) Hexachlorobutadiene	14.978	225	11736	18.97	ug/l		99
95) Naphthalene	15.100	128	90824	21.34	ug/l		99
96) 1,2,3-Trichlorobenzene	15.280	180	28573	21.20	ug/l		98

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

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