Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051921\
Data File : VN067145.D
Acq On : 19 May 2021 12:36
Operator : JC/MD
Sample : VN0519WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Manual Integrations APPROVED
SAM
5/20/2021 6:04:00 PM

Quant Time: May 20 01:53:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.597	168	547809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	768298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	669748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	321805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	274736	46.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.84%			
35) Dibromofluoromethane	7.519	113	260780	51.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.38%			
50) Toluene-d8	10.035	98	963184	50.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.74%			
62) 4-Bromofluorobenzene	12.355	95	315771	49.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.855	85	81542	16.36	ug/l	98
3) Chloromethane	2.056	50	94304	15.59	ug/l	99
4) Vinyl Chloride	2.179	62	103137	17.04	ug/l	97
5) Bromomethane	2.525	94	71135	16.96	ug/l	99
6) Chloroethane	2.673	64	63261	17.56	ug/l	100
7) Trichlorofluoromethane	2.987	101	140438	17.94	ug/l	98
8) Diethyl Ether	3.370	74	56407	16.94	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.708	101	86616	17.31	ug/l	96
10) Methyl Iodide	3.898	142	135532	16.43	ug/l	99
11) Tert butyl alcohol	4.722	59	87709	88.91	ug/l	99
12) 1,1-Dichloroethene	3.689	96	81838	15.89	ug/l	99
13) Acrolein	3.560	56	29353	91.84	ug/l	95
14) Allyl chloride	4.260	41	128670	16.21	ug/l	98
15) Acrylonitrile	4.910	53	192812	87.45	ug/l	97
16) Acetone	3.770	43	164784	89.59	ug/l	97
17) Carbon Disulfide	3.998	76	212335	15.39	ug/l	99
18) Methyl Acetate	4.266	43	97921	17.90	ug/l	99
19) Methyl tert-butyl Ether	4.966	73	263736	16.92	ug/l	98
20) Methylene Chloride	4.483	84	99728	16.62	ug/l	98
21) trans-1,2-Dichloroethene	4.963	96	88883	16.16	ug/l	98
22) Diisopropyl ether	5.872	45	247319	16.87	ug/l	98
23) Vinyl Acetate	5.816	43	1102820	86.16	ug/l	99
24) 1,1-Dichloroethane	5.768	63	166137	16.74	ug/l	99
25) 2-Butanone	6.757	43	258454	90.11	ug/l	96
26) 2,2-Dichloropropane	6.741	77	152542	16.72	ug/l	100
27) cis-1,2-Dichloroethene	6.749	96	109888	16.72	ug/l	98
28) Bromochloromethane	7.119	49	73129	17.76	ug/l	97
29) Tetrahydrofuran	7.136	42	160219	89.96	ug/l	98
30) Chloroform	7.299	83	172451	16.97	ug/l	96
31) Cyclohexane	7.581	56	130874	16.05	ug/l	97
32) 1,1,1-Trichloroethane	7.498	97	153904	16.82	ug/l	99
36) 1,1-Dichloropropene	7.720	75	123694	17.65	ug/l	98
37) Ethyl Acetate	6.849	43	113150	18.28	ug/l	96
38) Carbon Tetrachloride	7.704	117	136810	18.34	ug/l	99
39) Methylcyclohexane	9.021	83	144605	17.62	ug/l	97
40) Benzene	7.975	78	387960	18.22	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.093	41	47411	18.98	ug/l		98
42) 1,2-Dichloroethane	8.058	62	125605	18.35	ug/l		100
43) Isopropyl Acetate	8.101	43	191512	18.64	ug/l	#	92
44) Trichloroethene	8.777	130	115511	19.09	ug/l		98
45) 1,2-Dichloropropane	9.059	63	102230	18.37	ug/l		97
46) Dibromomethane	9.150	93	69800	18.79	ug/l		97
47) Bromodichloromethane	9.345	83	140115	18.20	ug/l		99
48) Methyl methacrylate	9.142	41	79186	17.36	ug/l		95
49) 1,4-Dioxane	9.144	88	27875	381.28	ug/l		96
51) 4-Methyl-2-Pentanone	9.927	43	538616	90.73	ug/l		99
52) Toluene	10.099	92	252212	18.34	ug/l		99
53) t-1,3-Dichloropropene	10.330	75	150016	18.28	ug/l		98
54) cis-1,3-Dichloropropene	9.785	75	166128	18.01	ug/l		99
55) 1,1,2-Trichloroethane	10.509	97	101220	18.53	ug/l		97
56) Ethyl methacrylate	10.381	69	133704	17.23	ug/l		99
57) 1,3-Dichloropropane	10.654	76	163585	18.73	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.641	63	107374	103.57	ug/l		98
59) 2-Hexanone	10.703	43	306427	92.06	ug/l		98
60) Dibromochloromethane	10.850	129	122186	18.99	ug/l		99
61) 1,2-Dibromoethane	10.955	107	102460	18.28	ug/l		98
64) Tetrachloroethene	10.579	164	114478	19.48	ug/l		98
65) Chlorobenzene	11.384	112	279653	18.72	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.459	131	113652	19.19	ug/l		99
67) Ethyl Benzene	11.464	91	462220	18.37	ug/l		100
68) m/p-Xylenes	11.574	106	359843	37.02	ug/l		100
69) o-Xylene	11.901	106	181275	18.53	ug/l		99
70) Styrene	11.920	104	271853	17.85	ug/l		99
71) Bromoform	12.081	173	88877	18.48	ug/l	#	97
73) Isopropylbenzene	12.202	105	473476	17.62	ug/l		99
74) N-amyl acetate	12.057	43	7393	1.65	ug/l	#	69
75) 1,1,2,2-Tetrachloroethane	12.457	83	140909	17.30	ug/l		99
76) 1,2,3-Trichloropropane	12.508	75	114102m	16.80	ug/l		
77) Bromobenzene	12.481	156	123703	18.50	ug/l		94
78) n-propylbenzene	12.545	91	487686	17.94	ug/l		99
79) 2-Chlorotoluene	12.628	91	304423	16.92	ug/l		98
80) 1,3,5-Trimethylbenzene	12.687	105	388188	17.31	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.261	75	28748	16.13	ug/l		98
82) 4-Chlorotoluene	12.727	91	288728	17.56	ug/l		98
83) tert-Butylbenzene	12.947	119	350834	16.57	ug/l		99
84) 1,2,4-Trimethylbenzene	12.996	105	359683	17.40	ug/l		100
85) sec-Butylbenzene	13.127	105	446447	17.65	ug/l		98
86) p-Isopropyltoluene	13.245	119	386669	17.62	ug/l		99
87) 1,3-Dichlorobenzene	13.240	146	203438	18.74	ug/l		98
88) 1,4-Dichlorobenzene	13.320	146	213534	18.89	ug/l		96
89) n-Butylbenzene	13.572	91	265009	15.92	ug/l		99
90) Hexachloroethane	13.827	117	71050	17.69	ug/l		93
91) 1,2-Dichlorobenzene	13.613	146	199294	17.71	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.237	75	21175	17.63	ug/l		99
93) 1,2,4-Trichlorobenzene	14.870	180	109150	19.12	ug/l		99
94) Hexachlorobutadiene	14.964	225	74839	19.04	ug/l		99
95) Naphthalene	15.090	128	208175	17.49	ug/l		99
96) 1,2,3-Trichlorobenzene	15.267	180	102121	19.40	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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