Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
Data File : VN066438.D
Acq On : 31 Mar 2021 12:45
Operator : JC/MD
Sample : VN0331WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBSD01

Manual Integrations APPROVED
MMDadoda
4/1/2021 4:40:52 PM

Quant Time: Apr 01 01:35:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.584	168	371334	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.512	114	580164	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	537253	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	254498	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.947	65	237208	48.05	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.10%				
35) Dibromofluoromethane	7.507	113	181547	47.20	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.40%				
50) Toluene-d8	10.028	98	682981	46.82	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.64%				
62) 4-Bromofluorobenzene	12.345	95	232696	45.92	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.816	85	89504	19.14	ug/l		99
3) Chloromethane	2.017	50	104252	20.48	ug/l		98
4) Vinyl Chloride	2.145	62	113343	21.17	ug/l		99
5) Bromomethane	2.516	94	76257	21.24	ug/l		99
6) Chloroethane	2.652	64	69257	20.76	ug/l		100
7) Trichlorofluoromethane	2.963	101	146174	19.86	ug/l		99
8) Diethyl Ether	3.339	74	61699	20.58	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.679	101	84100	20.24	ug/l		97
10) Methyl Iodide	3.867	142	113649	19.27	ug/l		100
11) Tert butyl alcohol	4.704	59	79618	105.76	ug/l	#	97
12) 1,1-Dichloroethene	3.661	96	84008	19.74	ug/l		100
13) Acrolein	3.529	56	38184	73.15	ug/l		98
14) Allyl chloride	4.227	41	186603m	22.17	ug/l		
15) Acrylonitrile	4.881	53	221320	105.42	ug/l		99
16) Acetone	3.736	43	282721	106.01	ug/l		99
17) Carbon Disulfide	3.964	76	244972	19.50	ug/l		100
18) Methyl Acetate	4.232	43	169257	24.30	ug/l		99
19) Methyl tert-butyl Ether	4.945	73	240281	19.04	ug/l		100
20) Methylene Chloride	4.447	84	102818	21.22	ug/l		97
21) trans-1,2-Dichloroethene	4.932	96	71470	18.52	ug/l		95
22) Diisopropyl ether	5.857	45	261991	19.95	ug/l		98
23) Vinyl Acetate	5.796	43	1098130	98.23	ug/l		100
24) 1,1-Dichloroethane	5.742	63	143682	19.81	ug/l		99
25) 2-Butanone	6.742	43	303519	104.11	ug/l		99
26) 2,2-Dichloropropane	6.724	77	122374	18.94	ug/l		99
27) cis-1,2-Dichloroethene	6.732	96	84836	18.85	ug/l		85
28) Bromochloromethane	7.102	49	75780	20.74	ug/l		96
29) Tetrahydrofuran	7.128	42	200868	105.60	ug/l		98
30) Chloroform	7.284	83	143706	19.83	ug/l		100
31) Cyclohexane	7.566	56	129324	18.93	ug/l		95
32) 1,1,1-Trichloroethane	7.483	97	121994	19.16	ug/l		99
36) 1,1-Dichloropropene	7.708	75	101638	18.65	ug/l		99
37) Ethyl Acetate	6.839	43	123167	20.53	ug/l		100
38) Carbon Tetrachloride	7.692	117	102535	18.71	ug/l		99
39) Methylcyclohexane	9.009	83	120147	18.08	ug/l		98
40) Benzene	7.960	78	321746	19.55	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.080	41	65378m	21.97	ug/l		
42) 1,2-Dichloroethane	8.046	62	112847	19.14	ug/l		99
43) Isopropyl Acetate	8.091	43	206594	20.15	ug/l		98
44) Trichloroethene	8.765	130	81744	18.88	ug/l		98
45) 1,2-Dichloropropane	9.049	63	89857	20.49	ug/l		99
46) Dibromomethane	9.140	93	56720	19.73	ug/l		99
47) Bromodichloromethane	9.333	83	115851	19.52	ug/l		98
48) Methyl methacrylate	9.135	41	90595	18.57	ug/l		98
49) 1,4-Dioxane	9.135	88	25770	420.26	ug/l		99
51) 4-Methyl-2-Pentanone	9.920	43	626678	104.58	ug/l		100
52) Toluene	10.092	92	195384	19.34	ug/l		99
53) t-1,3-Dichloropropene	10.320	75	121306	18.81	ug/l		99
54) cis-1,3-Dichloropropene	9.773	75	132126	19.08	ug/l		100
55) 1,1,2-Trichloroethane	10.500	97	82597	20.33	ug/l		98
56) Ethyl methacrylate	10.371	69	116346	18.67	ug/l		96
57) 1,3-Dichloropropane	10.645	76	135350	20.08	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.631	63	45230	84.79	ug/l		97
59) 2-Hexanone	10.693	43	440472	104.92	ug/l		100
60) Dibromochloromethane	10.840	129	86110	19.09	ug/l		99
61) 1,2-Dibromoethane	10.945	107	82961	19.59	ug/l		100
64) Tetrachloroethene	10.569	164	82520	18.05	ug/l		98
65) Chlorobenzene	11.374	112	207590	19.39	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.449	131	77729	18.85	ug/l		98
67) Ethyl Benzene	11.452	91	362226	18.63	ug/l		99
68) m/p-Xylenes	11.562	106	274326	37.13	ug/l		98
69) o-Xylene	11.889	106	130732	18.34	ug/l		99
70) Styrene	11.905	104	213326	18.46	ug/l		98
71) Bromoform	12.069	173	62548	18.23	ug/l	#	98
73) Isopropylbenzene	12.192	105	342288	18.08	ug/l		100
74) N-amyl acetate	12.015	43	113808	17.51	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.447	83	126484	20.98	ug/l		94
76) 1,2,3-Trichloropropane	12.498	75	109509m	19.61	ug/l		
77) Bromobenzene	12.468	156	89701	18.76	ug/l		97
78) n-propylbenzene	12.535	91	390368	18.97	ug/l		99
79) 2-Chlorotoluene	12.616	91	233456	18.44	ug/l		99
80) 1,3,5-Trimethylbenzene	12.678	105	278665	18.00	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.243	75	32323	17.41	ug/l		96
82) 4-Chlorotoluene	12.715	91	234711	18.63	ug/l		99
83) tert-Butylbenzene	12.938	119	238808	17.92	ug/l		98
84) 1,2,4-Trimethylbenzene	12.983	105	270259	17.96	ug/l		100
85) sec-Butylbenzene	13.115	105	317543	18.39	ug/l		99
86) p-Isopropyltoluene	13.233	119	277158	17.92	ug/l		99
87) 1,3-Dichlorobenzene	13.227	146	150419	18.75	ug/l		99
88) 1,4-Dichlorobenzene	13.308	146	158141	18.99	ug/l		97
89) n-Butylbenzene	13.560	91	223223	17.47	ug/l		99
90) Hexachloroethane	13.815	117	50307	18.04	ug/l		96
91) 1,2-Dichlorobenzene	13.597	146	149758	18.99	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.214	75	22194	19.20	ug/l		98
93) 1,2,4-Trichlorobenzene	14.853	180	92356	18.89	ug/l		98
94) Hexachlorobutadiene	14.949	225	50747	19.02	ug/l		99
95) Naphthalene	15.070	128	274882	19.90	ug/l		99
96) 1,2,3-Trichlorobenzene	15.250	180	92082	18.73	ug/l		97

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

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