Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
Data File : VN066653.D
Acq On : 19 Apr 2021 11:26
Operator : JC/MD
Sample : VN0419WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Manual Integrations APPROVED
MMDadoda
4/21/2021 4:30:57 PM

Quant Time: Apr 20 04:53:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.586	168	254936	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.514	114	402565	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.348	117	389703	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	188290	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.948	65	189786	49.35	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.70%				
35) Dibromofluoromethane	7.508	113	153697	55.05	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.10%				
50) Toluene-d8	10.026	98	597598	54.62	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.24%				
62) 4-Bromofluorobenzene	12.346	95	221283	57.52	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.830	85	60115	19.41	ug/l		98
3) Chloromethane	2.031	50	82744	18.32	ug/l		99
4) Vinyl Chloride	2.163	62	79122	20.12	ug/l		99
5) Bromomethane	2.482	94	15850	6.47	ug/l		98
6) Chloroethane	2.605	64	48965	20.77	ug/l		100
7) Trichlorofluoromethane	2.938	101	88950	19.53	ug/l		100
8) Diethyl Ether	3.348	74	37468	20.13	ug/l		84
9) 1,1,2-Trichlorotrifluo...	3.675	101	56156	20.87	ug/l		98
10) Methyl Iodide	3.868	142	79097	21.17	ug/l		100
11) Tert butyl alcohol	4.732	59	56624	91.74	ug/l	#	86
12) 1,1-Dichloroethene	3.657	96	53841	20.44	ug/l		91
13) Acrolein	3.539	56	25749	78.28	ug/l		97
14) Allyl chloride	4.233	41	109750	96.66	ug/l		94
15) Acrylonitrile	4.890	53	162631	95.72	ug/l		99
16) Acetone	3.753	43	140113	96.71	ug/l		98
17) Carbon Disulfide	3.965	76	160024	18.02	ug/l		100
18) Methyl Acetate	4.244	43	86817	20.96	ug/l		94
19) Methyl tert-butyl Ether	4.949	73	191394	20.52	ug/l		95
20) Methylene Chloride	4.461	84	71082	19.56	ug/l		94
21) trans-1,2-Dichloroethene	4.939	96	59735	20.14	ug/l		89
22) Diisopropyl ether	5.856	45	231277	20.53	ug/l		94
23) Vinyl Acetate	5.797	43	923262	98.13	ug/l		96
24) 1,1-Dichloroethane	5.749	63	123483	20.13	ug/l		97
25) 2-Butanone	6.746	43	209388	92.36	ug/l		92
26) 2,2-Dichloropropane	6.727	77	101651	20.90	ug/l		98
27) cis-1,2-Dichloroethene	6.735	96	71096	20.69	ug/l		93
28) Bromochloromethane	7.103	49	60905	19.15	ug/l		83
29) Tetrahydrofuran	7.124	42	138641	90.87	ug/l		91
30) Chloroform	7.285	83	118309	20.50	ug/l		96
31) Cyclohexane	7.572	56	105093	19.00	ug/l		95
32) 1,1,1-Trichloroethane	7.484	97	97364	20.43	ug/l		98
36) 1,1-Dichloropropene	7.712	75	83861	20.67	ug/l		98
37) Ethyl Acetate	6.837	43	89726	19.50	ug/l		98
38) Carbon Tetrachloride	7.693	117	80635	21.21	ug/l		99
39) Methylcyclohexane	9.012	83	96517	20.89	ug/l		95
40) Benzene	7.964	78	273031	21.01	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.081	41	43917m	20.86	ug/l		
42) 1,2-Dichloroethane	8.047	62	90052	20.18	ug/l		100
43) Isopropyl Acetate	8.093	43	148257	19.29	ug/l	#	88
44) Trichloroethene	8.766	130	64182	21.38	ug/l		98
45) 1,2-Dichloropropane	9.050	63	76679	21.19	ug/l		99
46) Dibromomethane	9.141	93	44074	20.31	ug/l		99
47) Bromodichloromethane	9.337	83	95026	21.33	ug/l		99
48) Methyl methacrylate	9.136	41	68207	19.73	ug/l		90
49) 1,4-Dioxane	9.139	88	22965	382.91	ug/l		93
51) 4-Methyl-2-Pentanone	9.922	43	455216	100.66	ug/l		96
52) Toluene	10.091	92	164645	21.50	ug/l		99
53) t-1,3-Dichloropropene	10.321	75	101971	21.20	ug/l		98
54) cis-1,3-Dichloropropene	9.774	75	112242	21.17	ug/l		94
55) 1,1,2-Trichloroethane	10.501	97	67649	21.39	ug/l		98
56) Ethyl methacrylate	10.372	69	93182	20.53	ug/l		93
57) 1,3-Dichloropropane	10.646	76	112405	21.20	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.632	63	67952	93.49	ug/l		94
59) 2-Hexanone	10.697	43	280586	90.25	ug/l		96
60) Dibromochloromethane	10.842	129	71327	21.61	ug/l		99
61) 1,2-Dibromoethane	10.946	107	65884	21.20	ug/l		100
64) Tetrachloroethene	10.571	164	55794	20.57	ug/l		98
65) Chlorobenzene	11.375	112	181821	21.45	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.450	131	69299	22.53	ug/l		99
67) Ethyl Benzene	11.453	91	318054	21.56	ug/l		98
68) m/p-Xylenes	11.563	106	245582	45.60	ug/l		100
69) o-Xylene	11.890	106	119052	22.66	ug/l		98
70) Styrene	11.909	104	191845	23.43	ug/l		98
71) Bromoform	12.073	173	51892	22.35	ug/l	#	99
73) Isopropylbenzene	12.193	105	314983	21.96	ug/l		99
74) N-amyl acetate	12.030	43	36912	16.63	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.448	83	106790	20.01	ug/l		99
76) 1,2,3-Trichloropropane	12.499	75	96488m	21.91	ug/l		
77) Bromobenzene	12.470	156	82078	23.20	ug/l		97
78) n-propylbenzene	12.534	91	359872	21.71	ug/l		99
79) 2-Chlorotoluene	12.617	91	222402	21.94	ug/l		99
80) 1,3,5-Trimethylbenzene	12.676	105	269150	22.24	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.247	75	24552	18.86	ug/l		95
82) 4-Chlorotoluene	12.716	91	219700	22.02	ug/l		99
83) tert-Butylbenzene	12.936	119	223882	21.99	ug/l		99
84) 1,2,4-Trimethylbenzene	12.984	105	251497	22.02	ug/l		98
85) sec-Butylbenzene	13.116	105	295271	21.46	ug/l		99
86) p-Isopropyltoluene	13.234	119	249196	22.07	ug/l		99
87) 1,3-Dichlorobenzene	13.229	146	135733	21.70	ug/l		99
88) 1,4-Dichlorobenzene	13.309	146	138304	21.86	ug/l		99
89) n-Butylbenzene	13.561	91	196208	20.76	ug/l		99
90) Hexachloroethane	13.816	117	52729	21.12	ug/l		94
91) 1,2-Dichlorobenzene	13.599	146	135799	21.90	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	17338	19.13	ug/l		88
93) 1,2,4-Trichlorobenzene	14.854	180	73461	21.04	ug/l		98
94) Hexachlorobutadiene	14.948	225	43203	21.89	ug/l		99
95) Naphthalene	15.074	128	167622	17.44	ug/l		99
96) 1,2,3-Trichlorobenzene	15.248	180	69186	19.28	ug/l		98

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

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