Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
Data File : VN067257.D
Acq On : 7 Jun 2021 16:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060721

Manual Integrations APPROVED
MMDadoda
6/8/2021 6:56:49 PM

Quant Time: Jun 08 01:42:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 16:11:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	124551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	237683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	277998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	195619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	92192	51.761	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.520%			
35) Dibromofluoromethane	8.024	113	71084	49.898	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.800%			
50) Toluene-d8	10.443	98	361894	48.467	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.733	95	168594	55.275	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	56088	49.252	ug/l	99
3) Chloromethane	2.303	50	88373	49.410	ug/l	98
4) Vinyl Chloride	2.445	62	194138	49.708	ug/l	99
5) Bromomethane	2.842	94	173982	47.440	ug/l	98
6) Chloroethane	3.014	64	159575	48.212	ug/l	99
7) Trichlorofluoromethane	3.371	101	441975	49.368	ug/l	98
8) Diethyl Ether	3.821	74	41418	30.829	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.205	101	52701	52.355	ug/l	86
10) Methyl Iodide	4.414	142	60259	47.886	ug/l #	90
11) Tert butyl alcohol	5.393	59	62660	239.606	ug/l #	81
12) 1,1-Dichloroethene	4.175	96	50341	49.522	ug/l	89
13) Acrolein	4.044	56	34624	228.337	ug/l	91
14) Allyl chloride	4.835	41	98711	50.129	ug/l #	86
15) Acrylonitrile	5.556	53	148258	240.171	ug/l	99
16) Acetone	4.291	43	140519	274.056	ug/l	97
17) Carbon Disulfide	4.524	76	153261	50.680	ug/l	99
18) Methyl Acetate	4.862	43	81493	48.549	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	199304	48.460	ug/l	98
20) Methylene Chloride	5.095	84	64915	48.327	ug/l	88
21) trans-1,2-Dichloroethene	5.591	96	65357	49.415	ug/l	97
22) Diisopropyl ether	6.503	45	214658	47.603	ug/l	93
23) Vinyl Acetate	6.439	43	1048786	244.263	ug/l	96
24) 1,1-Dichloroethane	6.388	63	128574	50.590	ug/l	98
25) 2-Butanone	7.343	43	253966	256.160	ug/l	94
26) 2,2-Dichloropropane	7.327	77	128004	52.981	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	83520	51.320	ug/l	96
28) Bromochloromethane	7.656	49	67071	49.256	ug/l #	76
29) Tetrahydrofuran	7.694	42	149430	239.263	ug/l	91
30) Chloroform	7.820	83	143492	50.164	ug/l	100
31) Cyclohexane	8.096	56	110810	48.302	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	132312	50.594	ug/l	97
36) 1,1-Dichloropropene	8.222	75	111707	52.071	ug/l	95
37) Ethyl Acetate	7.418	43	100072	45.964	ug/l #	94
38) Carbon Tetrachloride	8.209	117	113971	50.194	ug/l	97
39) Methylcyclohexane	9.461	83	132597	52.837	ug/l	98
40) Benzene	8.461	78	346010	51.019	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.643	41	53576	47.847	ug/l	#	83
42) 1,2-Dichloroethane	8.533	62	118166	50.700	ug/l		96
43) Isopropyl Acetate	8.566	43	203402	49.911	ug/l		93
44) Trichloroethene	9.220	130	85690	51.296	ug/l		88
45) 1,2-Dichloropropane	9.496	63	87638	51.370	ug/l		96
46) Dibromomethane	9.579	93	61226	48.865	ug/l	#	84
47) Bromodichloromethane	9.764	83	126055	51.650	ug/l		99
48) Methyl methacrylate	9.563	41	86970	48.567	ug/l	#	84
49) 1,4-Dioxane	9.574	88	26980	932.856	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.336	43	662936	249.986	ug/l		91
52) Toluene	10.507	92	290831	45.960	ug/l		99
53) t-1,3-Dichloropropene	10.722	75	169971	56.285	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	154556	51.748	ug/l	#	88
55) 1,1,2-Trichloroethane	10.902	97	99795	54.206	ug/l		99
56) Ethyl methacrylate	10.765	69	161258	43.735	ug/l	#	84
57) 1,3-Dichloropropane	11.049	76	159464	53.098	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.043	63	170526	221.244	ug/l		97
59) 2-Hexanone	11.089	43	510806	267.557	ug/l		93
60) Dibromochloromethane	11.242	129	122256	45.661	ug/l		100
61) 1,2-Dibromoethane	11.350	107	107788	56.680	ug/l		96
64) Tetrachloroethene	10.979	164	89490	47.875	ug/l		95
65) Chlorobenzene	11.773	112	316955	53.621	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.846	131	122427	55.483	ug/l		99
67) Ethyl Benzene	11.848	91	622940	56.911	ug/l		97
68) m/p-Xylenes	11.956	106	539254	121.243	ug/l		99
69) o-Xylene	12.286	106	257633	59.439	ug/l		98
70) Styrene	12.296	104	457316	53.235	ug/l		98
71) Bromoform	12.463	173	112463	51.449	ug/l	#	99
73) Isopropylbenzene	12.581	105	713715	46.256	ug/l		99
74) N-amyl acetate	12.390	43	249944	41.210	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.830	83	178410	42.131	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	170664m	46.315	ug/l		
77) Bromobenzene	12.862	156	154702	46.458	ug/l		87
78) n-propylbenzene	12.921	91	830097	47.723	ug/l		96
79) 2-Chlorotoluene	13.106	91	525864	49.938	ug/l		96
80) 1,3,5-Trimethylbenzene	13.061	105	648752	49.275	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.629	75	69059	45.700	ug/l		94
82) 4-Chlorotoluene	13.010	91	476216	47.475	ug/l		100
83) tert-Butylbenzene	13.326	119	534152	47.397	ug/l		94
84) 1,2,4-Trimethylbenzene	13.372	105	640178	48.816	ug/l		97
85) sec-Butylbenzene	13.503	105	776943	49.281	ug/l		97
86) p-Isopropyltoluene	13.618	119	673038	49.172	ug/l		97
87) 1,3-Dichlorobenzene	13.618	146	328237	50.701	ug/l		97
88) 1,4-Dichlorobenzene	13.696	146	330210	50.965	ug/l		96
89) n-Butylbenzene	13.946	91	592829	50.015	ug/l		97
90) Hexachloroethane	14.211	117	107433	48.621	ug/l		79
91) 1,2-Dichlorobenzene	13.991	146	322696	51.683	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	36671	44.470	ug/l		79
93) 1,2,4-Trichlorobenzene	15.265	180	137843	47.000	ug/l		98
94) Hexachlorobutadiene	15.372	225	63205	48.175	ug/l		97
95) Naphthalene	15.507	128	382181	44.515	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	128327	46.654	ug/l		97

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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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