Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
Data File : VN072203.D
Acq On : 26 Apr 2022 16:49
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 26 17:06:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 17:03:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	292719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	494701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	479328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	194669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	452179	128.003	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 256.000%#			
35) Dibromofluoromethane	8.016	113	327466	111.426	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 222.860%#			
50) Toluene-d8	10.439	98	1333603	111.271	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 222.540%#			
62) 4-Bromofluorobenzene	12.727	95	491381	126.180	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 252.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	331993	136.069	ug/l	96
3) Chloromethane	2.299	50	369581	120.569	ug/l	99
4) Vinyl Chloride	2.440	62	314772	99.199	ug/l	98
5) Bromomethane	2.816	94	155146	78.182	ug/l	98
6) Chloroethane	2.993	64	179960	79.047	ug/l	98
7) Trichlorofluoromethane	3.363	101	551675	129.095	ug/l	99
8) Diethyl Ether	3.822	74	222105	124.711	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.204	101	299500	116.429	ug/l	96
10) Methyl Iodide	4.416	142	396583	112.884	ug/l #	89
11) Tert butyl alcohol	5.369	59	404513	712.773	ug/l	100
12) 1,1-Dichloroethene	4.181	96	284570	116.389	ug/l	93
13) Acrolein	4.034	56	386901	588.700	ug/l	98
14) Allyl chloride	4.834	41	607596	145.850	ug/l	93
15) Acrylonitrile	5.546	53	1170494	705.503	ug/l	99
16) Acetone	4.281	43	969902	648.018	ug/l	98
17) Carbon Disulfide	4.528	76	670911	118.152	ug/l	99
18) Methyl Acetate	4.846	43	548453	120.239	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	1170282	127.260	ug/l	99
20) Methylene Chloride	5.093	84	349951	114.231	ug/l #	88
21) trans-1,2-Dichloroethene	5.593	96	300347	111.990	ug/l	91
22) Diisopropyl ether	6.487	45	1202867	134.732	ug/l	97
23) Vinyl Acetate	6.428	43	5362540	749.562	ug/l	94
24) 1,1-Dichloroethane	6.381	63	655217	126.416	ug/l	99
25) 2-Butanone	7.328	43	1580343	721.311	ug/l	93
26) 2,2-Dichloropropane	7.322	77	529003	120.812	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	370432	113.137	ug/l	89
28) Bromochloromethane	7.651	49	293932	133.555	ug/l #	79
29) Tetrahydrofuran	7.675	42	1036655	730.065	ug/l	89
30) Chloroform	7.816	83	653743	121.163	ug/l	98
31) Cyclohexane	8.092	56	561827	118.848	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	584532	125.850	ug/l	99
36) 1,1-Dichloropropene	8.216	75	475366	115.617	ug/l	96
37) Ethyl Acetate	7.410	43	618341	133.874	ug/l	97
38) Carbon Tetrachloride	8.198	117	496381	122.573	ug/l	100
39) Methylcyclohexane	9.457	83	558328	115.463	ug/l	93
40) Benzene	8.457	78	1427178	110.425	ug/l	98

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Reviewed By :John Carlone 04/27/2022
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.628	41	346206	149.583 ug/l #	82
42) 1,2-Dichloroethane	8.522	62	541376	118.918 ug/l	98
43) Isopropyl Acetate	8.557	43	986938	128.535 ug/l	95
44) Trichloroethene	9.216	130	335623	103.212 ug/l	90
45) 1,2-Dichloropropane	9.486	63	384793	117.630 ug/l	97
46) Dibromomethane	9.575	93	243648	111.179 ug/l	92
47) Bromodichloromethane	9.757	83	535430	122.972 ug/l	98
48) Methyl methacrylate	9.557	41	480037	148.453 ug/l	91
49) 1,4-Dioxane	9.563	88	159575	2026.690 ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	3187428	714.594 ug/l	96
52) Toluene	10.504	92	923851	113.588 ug/l	97
53) t-1,3-Dichloropropene	10.716	75	596032	131.062 ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	627760	125.403 ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	367066	109.841 ug/l	99
56) Ethyl methacrylate	10.757	69	658149	136.028 ug/l	91
57) 1,3-Dichloropropane	11.039	76	650855	115.416 ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	901630	805.177 ug/l	93
59) 2-Hexanone	11.080	43	2322708	738.808 ug/l	94
60) Dibromochloromethane	11.233	129	401924	122.912 ug/l	100
61) 1,2-Dibromoethane	11.339	107	379605	115.604 ug/l	100
64) Tetrachloroethene	10.975	164	273986	88.582 ug/l	96
65) Chlorobenzene	11.763	112	963194	101.358 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	365593	105.728 ug/l	98
67) Ethyl Benzene	11.839	91	1838800	113.262 ug/l	99
68) m/p-Xylenes	11.951	106	1354091	218.771 ug/l	91
69) o-Xylene	12.275	106	673778	109.638 ug/l	92
70) Styrene	12.286	104	1118071	120.104 ug/l	96
71) Bromoform	12.451	173	299507	115.372 ug/l	99
73) Isopropylbenzene	12.575	105	1780971	108.199 ug/l	97
74) N-amyl acetate	12.380	43	702777	143.404 ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	566158	102.209 ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	533566m	114.971 ug/l	
77) Bromobenzene	12.857	156	390680	96.335 ug/l	84
78) n-propylbenzene	12.916	91	2070965	119.004 ug/l	96
79) 2-Chlorotoluene	13.004	91	1255202	112.109 ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1484748	113.029 ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	186498	126.238 ug/l	96
82) 4-Chlorotoluene	13.098	91	1210770	116.630 ug/l	94
83) tert-Butylbenzene	13.316	119	1301048	109.303 ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	1468666	114.398 ug/l	95
85) sec-Butylbenzene	13.498	105	1801318	116.564 ug/l	97
86) p-Isopropyltoluene	13.610	119	1470376	119.564 ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	670495	103.379 ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	653240	103.252 ug/l	97
89) n-Butylbenzene	13.939	91	1204460	130.993 ug/l	98
90) Hexachloroethane	14.204	117	272248	120.029 ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	639921	100.274 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	121459	137.299 ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	313082	126.324 ug/l	97
94) Hexachlorobutadiene	15.363	225	156778	84.902 ug/l	99
95) Naphthalene	15.498	128	1089285	174.260 ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	314675	136.339 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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