Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
Data File : VN076750.D
Acq On : 21 Feb 2023 14:47
Operator : JC\MD
Sample : VN0221WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 22 04:11:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.231	168	256564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	454522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	423452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	204887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	197486	55.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.480%			
35) Dibromofluoromethane	8.172	113	149386	50.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.380%			
50) Toluene-d8	10.566	98	612925	55.138	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.280%			
62) 4-Bromofluorobenzene	12.854	95	204891	55.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	48898	17.949	ug/l	95
3) Chloromethane	2.378	50	62567	17.603	ug/l	93
4) Vinyl Chloride	2.525	62	68960	19.714	ug/l	98
5) Bromomethane	2.960	94	42433	20.020	ug/l	98
6) Chloroethane	3.131	64	49038	22.182	ug/l	92
7) Trichlorofluoromethane	3.507	101	83805	17.608	ug/l	92
8) Diethyl Ether	3.972	74	36518	19.911	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	53579	19.158	ug/l	97
10) Methyl Iodide	4.607	142	66314	19.201	ug/l	99
11) Tert butyl alcohol	5.519	59	46886	100.262	ug/l #	71
12) 1,1-Dichloroethene	4.354	96	49658	18.752	ug/l	94
13) Acrolein	4.196	56	53301	75.921	ug/l	100
14) Allyl chloride	5.043	41	85807	18.700	ug/l	96
15) Acrylonitrile	5.737	53	163457	98.492	ug/l	98
16) Acetone	4.437	43	147438	93.167	ug/l	90
17) Carbon Disulfide	4.725	76	119832	17.138	ug/l	99
18) Methyl Acetate	5.037	43	102260	19.796	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	180876	20.259	ug/l	99
20) Methylene Chloride	5.290	84	63637	19.187	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	52282	17.538	ug/l #	85
22) Diisopropyl ether	6.684	45	221588	20.589	ug/l	95
23) Vinyl Acetate	6.613	43	700477	110.005	ug/l	97
24) 1,1-Dichloroethane	6.572	63	115301	19.548	ug/l	98
25) 2-Butanone	7.490	43	233132	99.871	ug/l	95
26) 2,2-Dichloropropane	7.501	77	83240	19.565	ug/l	96
27) cis-1,2-Dichloroethene	7.501	96	66729	18.873	ug/l	96
28) Bromochloromethane	7.819	49	65133	23.201	ug/l	90
29) Tetrahydrofuran	7.842	42	156665	102.722	ug/l	98
30) Chloroform	7.972	83	114778	19.476	ug/l	93
31) Cyclohexane	8.260	56	110093	19.810	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	93134	18.796	ug/l #	92
36) 1,1-Dichloropropene	8.378	75	82734	19.238	ug/l	99
37) Ethyl Acetate	7.566	43	83167	18.380	ug/l #	95
38) Carbon Tetrachloride	8.366	117	80406	18.533	ug/l	97
39) Methylcyclohexane	9.607	83	97487	19.942	ug/l	95
40) Benzene	8.613	78	269190	20.382	ug/l	100

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41) Methacrylonitrile	7.784	41	50503	19.266	ug/l		92
42) 1,2-Dichloroethane	8.672	62	93600	20.320	ug/l		99
43) Isopropyl Acetate	8.695	43	151117	20.524	ug/l		99
44) Trichloroethene	9.354	130	59067	18.926	ug/l		97
45) 1,2-Dichloropropane	9.625	63	71940	20.577	ug/l		98
46) Dibromomethane	9.707	93	45472	20.344	ug/l		95
47) Bromodichloromethane	9.889	83	91410	20.399	ug/l	#	94
48) Methyl methacrylate	9.684	41	72552	20.765	ug/l		98
49) 1,4-Dioxane	9.695	88	25910	428.700	ug/l		97
51) 4-Methyl-2-Pentanone	10.448	43	503569	107.492	ug/l		98
52) Toluene	10.631	92	169725	21.286	ug/l		97
53) t-1,3-Dichloropropene	10.836	75	91892	21.246	ug/l		97
54) cis-1,3-Dichloropropene	10.313	75	103371	20.720	ug/l		94
55) 1,1,2-Trichloroethane	11.019	97	68431	21.106	ug/l		94
56) Ethyl methacrylate	10.878	69	97711	21.410	ug/l		97
57) 1,3-Dichloropropane	11.166	76	113780	20.426	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.160	63	242583	116.061	ug/l		96
59) 2-Hexanone	11.195	43	361657	107.068	ug/l		98
60) Dibromochloromethane	11.360	129	64867	18.983	ug/l		98
61) 1,2-Dibromoethane	11.472	107	60211	18.553	ug/l		100
64) Tetrachloroethene	11.107	164	49735	18.637	ug/l		91
65) Chlorobenzene	11.895	112	170227	18.969	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.966	131	63430	19.459	ug/l		97
67) Ethyl Benzene	11.966	91	314039	20.540	ug/l		98
68) m/p-Xylenes	12.072	106	239453	40.632	ug/l		94
69) o-Xylene	12.401	106	118199	20.565	ug/l		100
70) Styrene	12.413	104	194416	20.918	ug/l		98
71) Bromoform	12.583	173	44912	18.784	ug/l	#	95
73) Isopropylbenzene	12.695	105	308973	20.574	ug/l		99
74) N-amyl acetate	12.495	43	133072	19.659	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.936	83	106229	19.542	ug/l		96
76) 1,2,3-Trichloropropane	12.995	75	86080m	20.781	ug/l		
77) Bromobenzene	12.983	156	68881	18.384	ug/l		90
78) n-propylbenzene	13.036	91	370317	21.000	ug/l		98
79) 2-Chlorotoluene	13.124	91	221643	20.527	ug/l		96
80) 1,3,5-Trimethylbenzene	13.177	105	262050	21.114	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.742	75	26659	18.745	ug/l		98
82) 4-Chlorotoluene	13.124	91	221643	20.527	ug/l		96
83) tert-Butylbenzene	13.442	119	225061	20.046	ug/l		96
84) 1,2,4-Trimethylbenzene	13.483	105	260021	21.022	ug/l		99
85) sec-Butylbenzene	13.619	105	331273	21.133	ug/l		97
86) p-Isopropyltoluene	13.730	119	266657	21.303	ug/l		99
87) 1,3-Dichlorobenzene	13.736	146	137586	19.426	ug/l		99
88) 1,4-Dichlorobenzene	13.813	146	138380	19.620	ug/l		98
89) n-Butylbenzene	14.060	91	227948	20.938	ug/l		98
90) Hexachloroethane	14.336	117	50638	19.321	ug/l		91
91) 1,2-Dichlorobenzene	14.107	146	138388	19.059	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	16528	15.694	ug/l		98
93) 1,2,4-Trichlorobenzene	15.395	180	62785	17.335	ug/l		97
94) Hexachlorobutadiene	15.501	225	32641	18.388	ug/l		98
95) Naphthalene	15.648	128	199408	18.143	ug/l		99
96) 1,2,3-Trichlorobenzene	15.842	180	62896	17.924	ug/l		97

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

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