Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
Data File : VN078679.D
Acq On : 28 Jul 2023 12:24
Operator : JC\MD
Sample : VN0728WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 00:45:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0728WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone
07/31/2023
Supervised By :Mahesh Dadoda
07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	819421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1366784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1173491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	461977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	484232	44.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.160%		
35) Dibromofluoromethane	8.177	113	438348	47.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.500%		
50) Toluene-d8	10.571	98	1599893	45.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.300%		
62) 4-Bromofluorobenzene	12.853	95	532054	49.282	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	207563	20.660	ug/l	96
3) Chloromethane	2.371	50	212303	19.442	ug/l	98
4) Vinyl Chloride	2.518	62	196290	13.896	ug/l	96
5) Bromomethane	2.954	94	259027	26.671	ug/l	98
6) Chloroethane	3.118	64	119247	12.515	ug/l	97
7) Trichlorofluoromethane	3.501	101	321062	19.014	ug/l	98
8) Diethyl Ether	3.971	74	113587	20.190	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	175403	19.623	ug/l	94
10) Methyl Iodide	4.595	142	261739	21.309	ug/l	94
11) Tert butyl alcohol	5.536	59	182199	107.559	ug/l	99
12) 1,1-Dichloroethene	4.348	96	171608	19.847	ug/l	90
13) Acrolein	4.189	56	164014	98.411	ug/l	97
14) Allyl chloride	5.036	41	265341	22.458	ug/l	86
15) Acrylonitrile	5.730	53	465355	108.728	ug/l	99
16) Acetone	4.442	43	412584	120.572	ug/l	98
17) Carbon Disulfide	4.724	76	475227	19.007	ug/l	98
18) Methyl Acetate	5.036	43	305643	21.100	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	569905	20.005	ug/l	97
20) Methylene Chloride	5.289	84	213532	21.047	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	192694	19.777	ug/l #	82
22) Diisopropyl ether	6.683	45	581297	21.973	ug/l #	88
23) Vinyl Acetate	6.618	43	1783113	106.022	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	367331	20.606	ug/l	97
25) 2-Butanone	7.494	43	612493	113.708	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	302741	20.764	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	225575	20.013	ug/l	92
28) Bromochloromethane	7.824	49	186967	22.268	ug/l	87
29) Tetrahydrofuran	7.847	42	382735	108.287	ug/l #	83
30) Chloroform	7.977	83	369712	19.921	ug/l	91
31) Cyclohexane	8.265	56	305531	20.580	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	322769	19.398	ug/l	100
36) 1,1-Dichloropropene	8.377	75	274103	20.460	ug/l	97
37) Ethyl Acetate	7.571	43	232772	20.843	ug/l	98
38) Carbon Tetrachloride	8.365	117	292386	20.081	ug/l	95
39) Methylcyclohexane	9.612	83	258872	21.170	ug/l #	88
40) Benzene	8.612	78	845530	21.304	ug/l	100

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41) Methacrylonitrile	7.794	41	127339	22.367	ug/l		92
42) 1,2-Dichloroethane	8.683	62	268609	19.897	ug/l		99
43) Isopropyl Acetate	8.700	43	423070	23.010	ug/l	#	93
44) Trichloroethene	9.359	130	205875	19.246	ug/l		98
45) 1,2-Dichloropropane	9.630	63	223410	22.225	ug/l		100
46) Dibromomethane	9.718	93	145254	20.530	ug/l		90
47) Bromodichloromethane	9.894	83	285105	20.103	ug/l		99
48) Methyl methacrylate	9.688	41	179050	21.020	ug/l	#	84
49) 1,4-Dioxane	9.706	88	77587	417.658	ug/l		87
51) 4-Methyl-2-Pentanone	10.453	43	1195608	109.323	ug/l		96
52) Toluene	10.635	92	515842	20.971	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	301747	20.768	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	342613	22.122	ug/l		98
55) 1,1,2-Trichloroethane	11.024	97	203400	20.987	ug/l		97
56) Ethyl methacrylate	10.882	69	296291	21.870	ug/l	#	87
57) 1,3-Dichloropropane	11.171	76	338553	20.545	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	492896	102.089	ug/l		90
59) 2-Hexanone	11.200	43	867196	111.570	ug/l		95
60) Dibromochloromethane	11.365	129	216285	20.215	ug/l		99
61) 1,2-Dibromoethane	11.476	107	207885	20.822	ug/l		97
64) Tetrachloroethene	11.112	164	170861	19.366	ug/l		95
65) Chlorobenzene	11.900	112	532265	20.292	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	206743	20.488	ug/l		99
67) Ethyl Benzene	11.971	91	924897	20.860	ug/l		98
68) m/p-Xylenes	12.076	106	695342	42.417	ug/l		95
69) o-Xylene	12.406	106	339533	20.506	ug/l		95
70) Styrene	12.418	104	543053	20.964	ug/l		98
71) Bromoform	12.582	173	145067	21.227	ug/l	#	100
73) Isopropylbenzene	12.700	105	849339	19.566	ug/l		99
74) N-amyl acetate	12.500	43	291726	19.501	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.941	83	288754	22.087	ug/l		100
76) 1,2,3-Trichloropropane	13.000	75	237917m	21.306	ug/l		
77) Bromobenzene	12.988	156	197081	19.948	ug/l		96
78) n-propylbenzene	13.041	91	935183	20.144	ug/l		100
79) 2-Chlorotoluene	13.129	91	619010	20.357	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	715681	20.866	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	86937	20.459	ug/l		96
82) 4-Chlorotoluene	13.229	91	574195	20.242	ug/l		99
83) tert-Butylbenzene	13.447	119	569879	19.570	ug/l		98
84) 1,2,4-Trimethylbenzene	13.488	105	681366	20.452	ug/l		100
85) sec-Butylbenzene	13.623	105	718275	19.514	ug/l		98
86) p-Isopropyltoluene	13.735	119	594185	20.104	ug/l		99
87) 1,3-Dichlorobenzene	13.741	146	323366	19.404	ug/l		99
88) 1,4-Dichlorobenzene	13.818	146	309324	18.428	ug/l		97
89) n-Butylbenzene	14.065	91	435851	20.611	ug/l		98
90) Hexachloroethane	14.341	117	116667	21.004	ug/l		78
91) 1,2-Dichlorobenzene	14.112	146	321791	19.403	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43227	19.635	ug/l		94
93) 1,2,4-Trichlorobenzene	15.400	180	83021	15.685	ug/l		98
94) Hexachlorobutadiene	15.506	225	68724	22.851	ug/l		97
95) Naphthalene	15.647	128	240613	13.297	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	97644	16.044	ug/l		98

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

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