Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
Data File : VN075111.D
Acq On : 02 Nov 2022 12:40
Operator : JC\MD
Sample : VN1102WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 03 04:14:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1102WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	84640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	163356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	147588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	64889	56.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.800%			
35) Dibromofluoromethane	8.171	113	51786	54.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.000%			
50) Toluene-d8	10.570	98	198183	53.267	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.540%			
62) 4-Bromofluorobenzene	12.853	95	67719	51.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	21579	19.598	ug/l	92
3) Chloromethane	2.377	50	24793	21.199	ug/l	99
4) Vinyl Chloride	2.524	62	35095	21.035	ug/l	99
5) Bromomethane	2.942	94	26984	19.643	ug/l	91
6) Chloroethane	3.118	64	26238	21.931	ug/l	99
7) Trichlorofluoromethane	3.500	101	36887	21.642	ug/l	98
8) Diethyl Ether	3.971	74	12798	20.587	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	19860	21.099	ug/l	98
10) Methyl Iodide	4.600	142	28010	19.989	ug/l	99
11) Tert butyl alcohol	5.536	59	26163	98.375	ug/l	96
12) 1,1-Dichloroethene	4.347	96	19163	21.359	ug/l	93
13) Acrolein	4.189	56	24183	111.169	ug/l	97
14) Allyl chloride	5.036	41	24818	18.940	ug/l	95
15) Acrylonitrile	5.736	53	61453	109.385	ug/l	99
16) Acetone	4.447	43	51747	107.162	ug/l	99
17) Carbon Disulfide	4.724	76	43395	19.233	ug/l	96
18) Methyl Acetate	5.036	43	35763	22.673	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	68691	20.599	ug/l	98
20) Methylene Chloride	5.283	84	22530	20.926	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	19452	19.801	ug/l	99
22) Diisopropyl ether	6.688	45	60420	20.894	ug/l	94
23) Vinyl Acetate	6.618	43	218503	90.485	ug/l	100
24) 1,1-Dichloroethane	6.577	63	38693	21.156	ug/l	97
25) 2-Butanone	7.494	43	81049	106.710	ug/l	97
26) 2,2-Dichloropropane	7.500	77	34313	20.394	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	24218	20.644	ug/l	98
28) Bromochloromethane	7.824	49	16769	21.750	ug/l	98
29) Tetrahydrofuran	7.847	42	52149	106.253	ug/l	98
30) Chloroform	7.971	83	41882	21.092	ug/l	97
31) Cyclohexane	8.265	56	35269	20.794	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	37544	20.820	ug/l	98
36) 1,1-Dichloropropene	8.377	75	29001	19.534	ug/l	100
37) Ethyl Acetate	7.571	43	33596	20.634	ug/l	97
38) Carbon Tetrachloride	8.365	117	32269	19.759	ug/l	94
39) Methylcyclohexane	9.606	83	36086	18.411	ug/l	94
40) Benzene	8.612	78	90628	19.936	ug/l	100

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41) Methacrylonitrile	7.788	41	15993	20.502	ug/l		99
42) 1,2-Dichloroethane	8.677	62	34221	20.692	ug/l		98
43) Isopropyl Acetate	8.694	43	50855	20.136	ug/l		98
44) Trichloroethene	9.359	130	22962	20.133	ug/l		93
45) 1,2-Dichloropropane	9.629	63	23097	21.350	ug/l		91
46) Dibromomethane	9.712	93	16603	19.699	ug/l		98
47) Bromodichloromethane	9.894	83	33681	20.636	ug/l		99
48) Methyl methacrylate	9.682	41	22251	19.206	ug/l		98
49) 1,4-Dioxane	9.700	88	11843	390.380	ug/l		97
51) 4-Methyl-2-Pentanone	10.447	43	168022	103.096	ug/l		99
52) Toluene	10.635	92	60226	19.819	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	33215	19.280	ug/l		96
54) cis-1,3-Dichloropropene	10.318	75	35090	19.204	ug/l		90
55) 1,1,2-Trichloroethane	11.018	97	23780	19.736	ug/l		92
56) Ethyl methacrylate	10.876	69	36104	19.644	ug/l		98
57) 1,3-Dichloropropane	11.165	76	40904	20.385	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	69834	98.284	ug/l		96
59) 2-Hexanone	11.200	43	124997	101.054	ug/l		97
60) Dibromochloromethane	11.365	129	24958	19.633	ug/l		99
61) 1,2-Dibromoethane	11.470	107	24232	19.624	ug/l		99
64) Tetrachloroethene	11.106	164	19797	21.879	ug/l		99
65) Chlorobenzene	11.894	112	61207	19.429	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	23671	20.255	ug/l		98
67) Ethyl Benzene	11.965	91	111292	19.636	ug/l		100
68) m/p-Xylenes	12.076	106	89013	39.140	ug/l		95
69) o-Xylene	12.400	106	44330	19.710	ug/l		97
70) Styrene	12.412	104	69735	19.446	ug/l		98
71) Bromoform	12.582	173	16521	18.882	ug/l	#	100
73) Isopropylbenzene	12.700	105	110447	19.484	ug/l		99
74) N-amyl acetate	12.494	43	42174	20.116	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	37668	20.807	ug/l		94
76) 1,2,3-Trichloropropane	12.994	75	31307m	20.883	ug/l		
77) Bromobenzene	12.982	156	24543	19.664	ug/l		97
78) n-propylbenzene	13.041	91	130837	20.558	ug/l		97
79) 2-Chlorotoluene	13.129	91	80483	20.695	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	96603	20.290	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	10393	17.795	ug/l		94
82) 4-Chlorotoluene	13.129	91	80483	20.695	ug/l		98
83) tert-Butylbenzene	13.441	119	82457	19.491	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	96738	20.082	ug/l		100
85) sec-Butylbenzene	13.617	105	119887	20.257	ug/l		97
86) p-Isopropyltoluene	13.735	119	97160	19.879	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	48082	19.675	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	47971	19.834	ug/l		98
89) n-Butylbenzene	14.059	91	77701	19.742	ug/l		99
90) Hexachloroethane	14.335	117	16956	18.921	ug/l		98
91) 1,2-Dichlorobenzene	14.111	146	49360	20.317	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7871	20.585	ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	20545	19.652	ug/l		95
94) Hexachlorobutadiene	15.505	225	10065	19.748	ug/l		98
95) Naphthalene	15.647	128	74714	18.584	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	19919	19.176	ug/l		95

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

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