Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
Data File : VN075311.D
Acq On : 18 Nov 2022 14:32
Operator : JC\MD
Sample : VN1118WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 05:05:56 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 :
VN1118WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	122501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	210535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69492	42.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 84.200%			
35) Dibromofluoromethane	8.171	113	63283	51.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.400%			
50) Toluene-d8	10.565	98	222347	46.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.740%			
62) 4-Bromofluorobenzene	12.847	95	82290	48.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	26701	16.755	ug/l	99
3) Chloromethane	2.371	50	27894	16.479	ug/l	96
4) Vinyl Chloride	2.524	62	36614	15.163	ug/l	97
5) Bromomethane	2.930	94	31653	14.900	ug/l	99
6) Chloroethane	3.112	64	27117	15.660	ug/l #	86
7) Trichlorofluoromethane	3.500	101	48755	19.765	ug/l	91
8) Diethyl Ether	3.977	74	17568	19.526	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	28876	21.197	ug/l	95
10) Methyl Iodide	4.594	142	42529	20.970	ug/l	97
11) Tert butyl alcohol	5.541	59	30576	79.436	ug/l	97
12) 1,1-Dichloroethene	4.347	96	26618	20.498	ug/l	90
13) Acrolein	4.183	56	34963	111.050	ug/l	100
14) Allyl chloride	5.030	41	35866	18.911	ug/l	95
15) Acrylonitrile	5.724	53	77715	95.578	ug/l	97
16) Acetone	4.442	43	69944	100.079	ug/l	95
17) Carbon Disulfide	4.718	76	59153	18.115	ug/l	99
18) Methyl Acetate	5.030	43	44532	19.507	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	92585	19.183	ug/l	98
20) Methylene Chloride	5.283	84	31431	20.170	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	29101	20.468	ug/l	95
22) Diisopropyl ether	6.677	45	80856	19.319	ug/l	98
23) Vinyl Acetate	6.612	43	275159	78.730	ug/l	98
24) 1,1-Dichloroethane	6.571	63	51794	19.567	ug/l	97
25) 2-Butanone	7.488	43	101160	92.024	ug/l	99
26) 2,2-Dichloropropane	7.494	77	44807	18.400	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	33864	19.945	ug/l	98
28) Bromochloromethane	7.818	49	18340	16.436	ug/l	88
29) Tetrahydrofuran	7.847	42	63805	89.823	ug/l	98
30) Chloroform	7.971	83	56749	19.746	ug/l	94
31) Cyclohexane	8.259	56	45759	18.640	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	52345	20.057	ug/l	96
36) 1,1-Dichloropropene	8.371	75	40182	21.000	ug/l	97
37) Ethyl Acetate	7.571	43	38520	18.356	ug/l	98
38) Carbon Tetrachloride	8.365	117	45114	21.434	ug/l	99
39) Methylcyclohexane	9.606	83	51004	20.191	ug/l	94
40) Benzene	8.612	78	125940	21.496	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	20845	20.734	ug/l		97
42) 1,2-Dichloroethane	8.671	62	43514	20.415	ug/l		97
43) Isopropyl Acetate	8.694	43	62233	19.119	ug/l		99
44) Trichloroethene	9.353	130	33252	22.622	ug/l		95
45) 1,2-Dichloropropane	9.624	63	31235	22.402	ug/l		91
46) Dibromomethane	9.706	93	23212	21.369	ug/l		95
47) Bromodichloromethane	9.888	83	43881	20.860	ug/l		95
48) Methyl methacrylate	9.682	41	28284	18.943	ug/l		96
49) 1,4-Dioxane	9.700	88	15652	400.319	ug/l		99
51) 4-Methyl-2-Pentanone	10.447	43	201335	95.853	ug/l		98
52) Toluene	10.629	92	84543	21.587	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	43205	19.459	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	49135	20.864	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	33406	21.512	ug/l		95
56) Ethyl methacrylate	10.876	69	45259	19.107	ug/l		97
57) 1,3-Dichloropropane	11.165	76	55756	21.560	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	67921	74.170	ug/l		99
59) 2-Hexanone	11.194	43	149436	93.739	ug/l		98
60) Dibromochloromethane	11.359	129	35171	21.467	ug/l		99
61) 1,2-Dibromoethane	11.470	107	33479	21.037	ug/l		100
64) Tetrachloroethene	11.106	164	30801	26.247	ug/l		93
65) Chlorobenzene	11.888	112	88804	21.736	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32125	21.196	ug/l		97
67) Ethyl Benzene	11.965	91	155471	21.151	ug/l		99
68) m/p-Xylenes	12.070	106	126521	42.897	ug/l		100
69) o-Xylene	12.400	106	61331	21.027	ug/l		98
70) Styrene	12.412	104	98063	21.085	ug/l		98
71) Bromoform	12.576	173	23410	20.631	ug/l	#	100
73) Isopropylbenzene	12.694	105	156382	20.553	ug/l		99
74) N-amyl acetate	12.494	43	50724	18.025	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	48949	20.015	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	42597m	21.168	ug/l		
77) Bromobenzene	12.982	156	38668	23.081	ug/l		88
78) n-propylbenzene	13.035	91	181052	21.194	ug/l		99
79) 2-Chlorotoluene	13.123	91	108567	20.798	ug/l		97
80) 1,3,5-Trimethylbenzene	13.176	105	135380	21.184	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	13991	17.848	ug/l		98
82) 4-Chlorotoluene	13.123	91	108567	20.798	ug/l		97
83) tert-Butylbenzene	13.441	119	119988	21.130	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	137310	21.236	ug/l		99
85) sec-Butylbenzene	13.617	105	164723	20.736	ug/l		99
86) p-Isopropyltoluene	13.729	119	139052	21.195	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	71461	21.786	ug/l		96
88) 1,4-Dichlorobenzene	13.812	146	71821	22.124	ug/l		98
89) n-Butylbenzene	14.059	91	116807	22.110	ug/l		98
90) Hexachloroethane	14.335	117	23400	19.454	ug/l		93
91) 1,2-Dichlorobenzene	14.106	146	73565	22.559	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9559	18.625	ug/l		93
93) 1,2,4-Trichlorobenzene	15.394	180	36450	25.975	ug/l		96
94) Hexachlorobutadiene	15.506	225	17101	24.998	ug/l		95
95) Naphthalene	15.641	128	111099	20.588	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	33870	24.292	ug/l		98

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

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