Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050422\
Data File : VN072321.D
Acq On : 04 May 2022 12:15
Operator : JC\MD
Sample : VN0504WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 04 14:20:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/05/2022
Supervised By :Mahesh Dadoda 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	202940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	349127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	316519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	129832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	162503	52.158	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.320%			
35) Dibromofluoromethane	8.016	113	116016	51.918	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.840%			
50) Toluene-d8	10.439	98	444680	50.643	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.280%			
62) 4-Bromofluorobenzene	12.727	95	143487	49.233	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	42927	18.766	ug/l	100
3) Chloromethane	2.299	50	45792	17.413	ug/l	99
4) Vinyl Chloride	2.440	62	37612	16.464	ug/l	98
5) Bromomethane	2.840	94	24539	21.146	ug/l	95
6) Chloroethane	3.004	64	26901	19.832	ug/l	95
7) Trichlorofluoromethane	3.369	101	73644	18.452	ug/l	99
8) Diethyl Ether	3.822	74	27681	19.153	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.204	101	41859	19.966	ug/l	94
10) Methyl Iodide	4.422	142	43688	17.167	ug/l #	87
11) Tert butyl alcohol	5.357	59	48608	94.938	ug/l	97
12) 1,1-Dichloroethene	4.181	96	35788	18.464	ug/l	98
13) Acrolein	4.040	56	40440	78.486	ug/l	95
14) Allyl chloride	4.840	41	75377	18.730	ug/l #	94
15) Acrylonitrile	5.551	53	150471	97.390	ug/l	97
16) Acetone	4.281	43	133302	99.238	ug/l	96
17) Carbon Disulfide	4.528	76	75763	16.856	ug/l #	94
18) Methyl Acetate	4.857	43	76195	20.267	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	149353	19.658	ug/l	99
20) Methylene Chloride	5.092	84	48336	18.773	ug/l #	82
21) trans-1,2-Dichloroethene	5.598	96	38281	17.911	ug/l	94
22) Diisopropyl ether	6.492	45	171083	20.639	ug/l	96
23) Vinyl Acetate	6.428	43	709799	101.956	ug/l #	92
24) 1,1-Dichloroethane	6.386	63	87965	18.971	ug/l	99
25) 2-Butanone	7.328	43	213007	99.572	ug/l #	87
26) 2,2-Dichloropropane	7.322	77	72200	19.934	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	48278	18.529	ug/l	91
28) Bromochloromethane	7.651	49	47196	22.732	ug/l #	77
29) Tetrahydrofuran	7.681	42	140672	100.200	ug/l	88
30) Chloroform	7.816	83	89985	19.329	ug/l	95
31) Cyclohexane	8.092	56	72250	17.356	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	75887	19.155	ug/l	95
36) 1,1-Dichloropropene	8.216	75	61867	19.021	ug/l	94
37) Ethyl Acetate	7.410	43	86782	20.091	ug/l	95
38) Carbon Tetrachloride	8.204	117	65936	18.927	ug/l	95
39) Methylcyclohexane	9.457	83	64774	17.806	ug/l	95
40) Benzene	8.457	78	188845	18.718	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.633	41	38905	17.804	ug/l		89
42) 1,2-Dichloroethane	8.528	62	75505	19.548	ug/l		96
43) Isopropyl Acetate	8.557	43	129839	19.639	ug/l	#	94
44) Trichloroethene	9.216	130	43653	18.600	ug/l		90
45) 1,2-Dichloropropane	9.486	63	52698	19.330	ug/l		96
46) Dibromomethane	9.575	93	34275	20.070	ug/l		89
47) Bromodichloromethane	9.757	83	71012	19.817	ug/l		100
48) Methyl methacrylate	9.557	41	59570	20.878	ug/l		89
49) 1,4-Dioxane	9.569	88	20010	399.230	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.327	43	436882	107.194	ug/l		90
52) Toluene	10.504	92	116831	19.370	ug/l		100
53) t-1,3-Dichloropropene	10.716	75	70895	19.681	ug/l		98
54) cis-1,3-Dichloropropene	10.186	75	76689	19.686	ug/l		93
55) 1,1,2-Trichloroethane	10.892	97	50729	20.059	ug/l		97
56) Ethyl methacrylate	10.757	69	72487	17.958	ug/l	#	83
57) 1,3-Dichloropropane	11.039	76	88759	20.001	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.039	63	103715	98.601	ug/l		94
59) 2-Hexanone	11.080	43	300698	104.718	ug/l		90
60) Dibromochloromethane	11.233	129	49776	19.248	ug/l		96
61) 1,2-Dibromoethane	11.339	107	49245	19.800	ug/l		100
64) Tetrachloroethene	10.974	164	37324	19.590	ug/l		96
65) Chlorobenzene	11.763	112	123491	19.310	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.839	131	48384	20.078	ug/l		97
67) Ethyl Benzene	11.839	91	217478	19.499	ug/l		99
68) m/p-Xylenes	11.951	106	163803	39.551	ug/l		95
69) o-Xylene	12.274	106	80597	20.074	ug/l		94
70) Styrene	12.292	104	127631	20.181	ug/l		97
71) Bromoform	12.457	173	35277	19.683	ug/l	#	100
73) Isopropylbenzene	12.574	105	210204	18.332	ug/l		97
74) N-amyl acetate	12.386	43	81481	18.967	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.821	83	79930	20.035	ug/l		97
76) 1,2,3-Trichloropropane	12.874	75	68462m	23.325	ug/l		
77) Bromobenzene	12.857	156	49211	18.148	ug/l		87
78) n-propylbenzene	12.916	91	230799	18.270	ug/l		96
79) 2-Chlorotoluene	13.004	91	152732	18.407	ug/l		94
80) 1,3,5-Trimethylbenzene	13.057	105	171305	17.938	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.627	75	20383	18.153	ug/l		90
82) 4-Chlorotoluene	13.104	91	137611	17.816	ug/l		97
83) tert-Butylbenzene	13.315	119	154142	18.384	ug/l		98
84) 1,2,4-Trimethylbenzene	13.363	105	170564	18.460	ug/l		97
85) sec-Butylbenzene	13.498	105	204269	18.687	ug/l		99
86) p-Isopropyltoluene	13.610	119	163386	19.172	ug/l		96
87) 1,3-Dichlorobenzene	13.610	146	83354	18.992	ug/l		97
88) 1,4-Dichlorobenzene	13.692	146	82777	19.394	ug/l		96
89) n-Butylbenzene	13.939	91	117318	17.972	ug/l		96
90) Hexachloroethane	14.210	117	32023	17.310	ug/l		84
91) 1,2-Dichlorobenzene	13.986	146	84412	19.514	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14539	18.333	ug/l		79
93) 1,2,4-Trichlorobenzene	15.262	180	29890	16.643	ug/l		98
94) Hexachlorobutadiene	15.362	225	20442	17.635	ug/l		97
95) Naphthalene	15.504	128	83251	15.615	ug/l		100
96) 1,2,3-Trichlorobenzene	15.698	180	30986	17.390	ug/l		98

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

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