Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
Data File : VN080615.D
Acq On : 29 Dec 2023 15:15
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 23:43:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	390121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	732233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	665605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	298974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	269158	53.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.580%			
35) Dibromofluoromethane	8.171	113	208414	44.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.020%			
50) Toluene-d8	10.570	98	912102	55.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.320%			
62) 4-Bromofluorobenzene	12.853	95	320712	57.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	220081	50.784	ug/l	96
3) Chloromethane	2.359	50	283253	59.096	ug/l	99
4) Vinyl Chloride	2.512	62	258616	53.626	ug/l	98
5) Bromomethane	2.947	94	103625	56.545	ug/l	99
6) Chloroethane	3.118	64	159859	53.094	ug/l	99
7) Trichlorofluoromethane	3.494	101	386865	56.181	ug/l	99
8) Diethyl Ether	3.959	74	155529	65.769	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	192849	51.304	ug/l	95
10) Methyl Iodide	4.589	142	145763	56.127	ug/l	95
11) Tert butyl alcohol	5.524	59	145589	216.255	ug/l	99
12) 1,1-Dichloroethene	4.336	96	191958	53.240	ug/l	87
13) Acrolein	4.171	56	246284	323.557	ug/l	99
14) Allyl chloride	5.018	41	230503	42.110	ug/l	98
15) Acrylonitrile	5.718	53	461349	240.270	ug/l	99
16) Acetone	4.424	43	353975	260.219	ug/l	99
17) Carbon Disulfide	4.706	76	547181	56.435	ug/l	99
18) Methyl Acetate	5.018	43	364098	48.278	ug/l	92
19) Methyl tert-butyl Ether	5.788	73	635931	48.991	ug/l	97
20) Methylene Chloride	5.277	84	206324	47.536	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	196053	45.004	ug/l #	83
22) Diisopropyl ether	6.671	45	604949	49.756	ug/l	91
23) Vinyl Acetate	6.606	43	1567548	232.457	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	373354	45.814	ug/l	99
25) 2-Butanone	7.482	43	544689	214.238	ug/l	90
26) 2,2-Dichloropropane	7.488	77	326181	45.981	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	230012	44.391	ug/l	89
28) Bromochloromethane	7.818	49	176036	46.457	ug/l	89
29) Tetrahydrofuran	7.841	42	372978	224.944	ug/l	85
30) Chloroform	7.965	83	396577	48.471	ug/l	97
31) Cyclohexane	8.259	56	282357	41.704	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	351572	47.655	ug/l	97
36) 1,1-Dichloropropene	8.377	75	298997	41.023	ug/l	96
37) Ethyl Acetate	7.559	43	213741	38.865	ug/l	98
38) Carbon Tetrachloride	8.365	117	311443	41.770	ug/l	99
39) Methylcyclohexane	9.606	83	296199	49.548	ug/l	91
40) Benzene	8.612	78	971900	45.761	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	131491	38.771	ug/l		90
42) 1,2-Dichloroethane	8.671	62	349755	51.791	ug/l		100
43) Isopropyl Acetate	8.688	43	500357	56.131	ug/l		96
44) Trichloroethene	9.353	130	251815	46.285	ug/l		97
45) 1,2-Dichloropropane	9.623	63	259851	52.459	ug/l		98
46) Dibromomethane	9.712	93	174462	52.349	ug/l		93
47) Bromodichloromethane	9.888	83	364675	52.202	ug/l		100
48) Methyl methacrylate	9.682	41	281997	56.976	ug/l		83
49) 1,4-Dioxane	9.694	88	82016	1036.731	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	1461746	288.313	ug/l		94
52) Toluene	10.635	92	621336	53.616	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	385486	54.735	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	418410	53.084	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	248793	54.123	ug/l		96
56) Ethyl methacrylate	10.876	69	267383	59.384	ug/l	#	84
57) 1,3-Dichloropropane	11.165	76	432693	55.555	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	1032048	324.578	ug/l		93
59) 2-Hexanone	11.200	43	1077997	282.106	ug/l		94
60) Dibromochloromethane	11.359	129	270384	52.823	ug/l		99
61) 1,2-Dibromoethane	11.470	107	241723	52.154	ug/l		99
64) Tetrachloroethene	11.106	164	196450	44.170	ug/l		97
65) Chlorobenzene	11.894	112	659410	47.622	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	251305	47.182	ug/l		97
67) Ethyl Benzene	11.965	91	1156973	49.980	ug/l		96
68) m/p-Xylenes	12.070	106	875912	101.977	ug/l		97
69) o-Xylene	12.400	106	420983	49.904	ug/l		97
70) Styrene	12.412	104	641180	52.266	ug/l		98
71) Bromoform	12.582	173	177674	47.157	ug/l	#	99
73) Isopropylbenzene	12.700	105	1033594	50.511	ug/l		100
74) N-amyl acetate	12.494	43	394459	54.641	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.941	83	342311	48.475	ug/l		98
76) 1,2,3-Trichloropropane	13.000	75	272290m	42.344	ug/l		
77) Bromobenzene	12.982	156	263188	48.426	ug/l		97
78) n-propylbenzene	13.041	91	1184662	50.625	ug/l		99
79) 2-Chlorotoluene	13.129	91	749676	49.073	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	857943	49.653	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	110028	46.348	ug/l	#	86
82) 4-Chlorotoluene	13.223	91	760720	48.692	ug/l		99
83) tert-Butylbenzene	13.441	119	691289	47.869	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	883459	50.496	ug/l		100
85) sec-Butylbenzene	13.617	105	927313	48.525	ug/l		100
86) p-Isopropyltoluene	13.729	119	821651	45.428	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	453037	46.253	ug/l		99
88) 1,4-Dichlorobenzene	13.817	146	452594	45.967	ug/l		99
89) n-Butylbenzene	14.059	91	685135	47.972	ug/l		99
90) Hexachloroethane	14.335	117	139672	46.821	ug/l		85
91) 1,2-Dichlorobenzene	14.111	146	441569	46.707	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62896	43.154	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	239729	48.062	ug/l		96
94) Hexachlorobutadiene	15.505	225	109859	42.679	ug/l		99
95) Naphthalene	15.641	128	765466	49.309	ug/l		100
96) 1,2,3-Trichlorobenzene	15.847	180	230746	45.760	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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