Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
Data File : VN071572.D
Acq On : 26 Mar 2022 14:36
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 02:17:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	671316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1047459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	955810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	413654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	385383	46.207	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 92.420%			
35) Dibromofluoromethane	8.016	113	317115	48.172	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.340%			
50) Toluene-d8	10.439	98	1270461	47.847	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.700%			
62) 4-Bromofluorobenzene	12.727	95	437390	50.273	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	342235	48.857	ug/l	99
3) Chloromethane	2.299	50	396004	50.321	ug/l	99
4) Vinyl Chloride	2.440	62	452255	47.875	ug/l	99
5) Bromomethane	2.828	94	275132	55.185	ug/l	99
6) Chloroethane	2.999	64	312344	49.330	ug/l	99
7) Trichlorofluoromethane	3.363	101	530166	48.626	ug/l	99
8) Diethyl Ether	3.822	74	223018	49.070	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	323766	49.565	ug/l	98
10) Methyl Iodide	4.422	142	470413	49.945	ug/l	100
11) Tert butyl alcohol	5.363	59	359783	231.485	ug/l	100
12) 1,1-Dichloroethene	4.181	96	311393	48.403	ug/l	98
13) Acrolein	4.034	56	228318	192.084	ug/l	96
14) Allyl chloride	4.840	41	498759	48.025	ug/l	99
15) Acrylonitrile	5.545	53	1004198	237.647	ug/l	100
16) Acetone	4.281	43	837461	244.966	ug/l	100
17) Carbon Disulfide	4.528	76	779442	46.452	ug/l	99
18) Methyl Acetate	4.845	43	427740	47.686	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1127892	49.019	ug/l	98
20) Methylene Chloride	5.087	84	372541	46.768	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	339150	48.575	ug/l	96
22) Diisopropyl ether	6.492	45	1069063	49.654	ug/l	97
23) Vinyl Acetate	6.428	43	4655456	251.865	ug/l	100
24) 1,1-Dichloroethane	6.381	63	637720	48.888	ug/l	98
25) 2-Butanone	7.328	43	1308190	238.506	ug/l	98
26) 2,2-Dichloropropane	7.322	77	543582	49.809	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	410651	49.331	ug/l	99
28) Bromochloromethane	7.651	49	225447	42.296	ug/l	99
29) Tetrahydrofuran	7.681	42	856659	234.887	ug/l	99
30) Chloroform	7.810	83	648186	49.568	ug/l	100
31) Cyclohexane	8.092	56	565570	47.389	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	567551	49.824	ug/l	100
36) 1,1-Dichloropropene	8.216	75	491360	51.769	ug/l	99
37) Ethyl Acetate	7.404	43	522709	50.525	ug/l	99
38) Carbon Tetrachloride	8.204	117	472640	51.085	ug/l	98
39) Methylcyclohexane	9.457	83	631402	54.223	ug/l	99
40) Benzene	8.457	78	1486293	50.306	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.634	41	283608	57.741	ug/l		89
42) 1,2-Dichloroethane	8.522	62	511896	49.673	ug/l		99
43) Isopropyl Acetate	8.557	43	824517	49.854	ug/l		99
44) Trichloroethene	9.210	130	393771	51.344	ug/l		98
45) 1,2-Dichloropropane	9.486	63	370414	50.612	ug/l		97
46) Dibromomethane	9.575	93	255038	51.200	ug/l		99
47) Bromodichloromethane	9.757	83	504086	51.631	ug/l		98
48) Methyl methacrylate	9.557	41	388616	52.032	ug/l		99
49) 1,4-Dioxane	9.563	88	179525	1041.687	ug/l		99
51) 4-Methyl-2-Pentanone	10.327	43	2595170	250.556	ug/l		99
52) Toluene	10.504	92	962000	52.023	ug/l		100
53) t-1,3-Dichloropropene	10.716	75	561360	53.472	ug/l		97
54) cis-1,3-Dichloropropene	10.186	75	613437	52.987	ug/l		100
55) 1,1,2-Trichloroethane	10.892	97	377768	50.391	ug/l		99
56) Ethyl methacrylate	10.757	69	600956	53.179	ug/l		99
57) 1,3-Dichloropropane	11.039	76	643150	50.988	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.033	63	845465	237.966	ug/l		100
59) 2-Hexanone	11.080	43	1898588	254.270	ug/l		99
60) Dibromochloromethane	11.233	129	394642	52.192	ug/l		99
61) 1,2-Dibromoethane	11.339	107	390446	51.623	ug/l		100
64) Tetrachloroethene	10.975	164	338554	51.245	ug/l		99
65) Chlorobenzene	11.769	112	1038834	51.228	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.839	131	377019	52.555	ug/l		99
67) Ethyl Benzene	11.839	91	1861784	53.478	ug/l		99
68) m/p-Xylenes	11.951	106	1440674	108.150	ug/l		100
69) o-Xylene	12.274	106	710404	53.681	ug/l		98
70) Styrene	12.292	104	1142169	55.355	ug/l		100
71) Bromoform	12.451	173	306963	54.404	ug/l	#	99
73) Isopropylbenzene	12.574	105	1819950	49.904	ug/l		100
74) N-amyl acetate	12.386	43	588502	50.204	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.821	83	575734	53.512	ug/l		99
76) 1,2,3-Trichloropropane	12.874	75	440210m	47.725	ug/l		
77) Bromobenzene	12.857	156	435029	47.865	ug/l		99
78) n-propylbenzene	12.916	91	2025063	52.192	ug/l		100
79) 2-Chlorotoluene	13.004	91	1226435	48.985	ug/l		100
80) 1,3,5-Trimethylbenzene	13.057	105	1467480	50.976	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.621	75	180738	52.460	ug/l		98
82) 4-Chlorotoluene	13.104	91	1171973	50.844	ug/l		100
83) tert-Butylbenzene	13.321	119	1327564	51.086	ug/l		99
84) 1,2,4-Trimethylbenzene	13.363	105	1440641	51.860	ug/l		99
85) sec-Butylbenzene	13.498	105	1810389	52.558	ug/l		100
86) p-Isopropyltoluene	13.610	119	1482370	53.986	ug/l		99
87) 1,3-Dichlorobenzene	13.610	146	751782	50.995	ug/l		99
88) 1,4-Dichlorobenzene	13.692	146	723267	49.640	ug/l		99
89) n-Butylbenzene	13.939	91	1125759	53.534	ug/l		100
90) Hexachloroethane	14.210	117	265212	49.485	ug/l		98
91) 1,2-Dichlorobenzene	13.986	146	722322	51.114	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	103450	47.972	ug/l		99
93) 1,2,4-Trichlorobenzene	15.262	180	347053	52.999	ug/l		100
94) Hexachlorobutadiene	15.368	225	210634	53.192	ug/l		99
95) Naphthalene	15.504	128	954036	45.617	ug/l		100
96) 1,2,3-Trichlorobenzene	15.698	180	343637	52.889	ug/l		99

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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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