Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082721\
Data File : VN068334.D
Acq On : 27 Aug 2021 9:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/30/2021 9:41:31 AM

Quant Time: Aug 28 01:25:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	682614	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	955117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	929321	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	511052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	321023	44.045	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.100%			
35) Dibromofluoromethane	8.021	113	307543	51.287	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.580%			
50) Toluene-d8	10.443	98	1162707	50.887	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.780%			
62) 4-Bromofluorobenzene	12.733	95	416267	54.727	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	247690	45.794	ug/l	98
3) Chloromethane	2.301	50	249249	40.788	ug/l	96
4) Vinyl Chloride	2.443	62	393690	41.115	ug/l	97
5) Bromomethane	2.842	94	368383	48.673	ug/l	97
6) Chloroethane	3.011	64	287812	49.924	ug/l	97
7) Trichlorofluoromethane	3.368	101	839809	44.614	ug/l	99
8) Diethyl Ether	3.816	74	232881	53.335	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.199	101	280811	48.791	ug/l #	84
10) Methyl Iodide	4.417	142	342450	41.845	ug/l #	86
11) Tert butyl alcohol	5.385	59	204497	224.989	ug/l	99
12) 1,1-Dichloroethene	4.170	96	252200	45.574	ug/l #	74
13) Acrolein	4.039	56	115338	190.526	ug/l	100
14) Allyl chloride	4.835	41	330554	46.731	ug/l #	93
15) Acrylonitrile	5.557	53	607764	237.336	ug/l	99
16) Acetone	4.291	43	548353	257.684	ug/l #	86
17) Carbon Disulfide	4.521	76	630851	44.098	ug/l	99
18) Methyl Acetate	4.859	43	281184	51.908	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	902914	50.609	ug/l	95
20) Methylene Chloride	5.093	84	298456	50.728	ug/l #	81
21) trans-1,2-Dichloroethene	5.594	96	295709	47.730	ug/l #	75
22) Diisopropyl ether	6.501	45	777235	50.299	ug/l #	92
23) Vinyl Acetate	6.436	43	2963534m	246.385	ug/l	
24) 1,1-Dichloroethane	6.388	63	481451	46.633	ug/l	97
25) 2-Butanone	7.340	43	804119	242.472	ug/l #	83
26) 2,2-Dichloropropane	7.324	77	468167	52.923	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	360859	48.645	ug/l	75
28) Bromochloromethane	7.659	49	207214	45.643	ug/l #	37
29) Tetrahydrofuran	7.689	42	509554	240.252	ug/l #	77
30) Chloroform	7.820	83	591820	48.121	ug/l	99
31) Cyclohexane	8.094	56	434287	45.238	ug/l #	80
32) 1,1,1-Trichloroethane	8.016	97	557041	50.788	ug/l	93
36) 1,1-Dichloropropene	8.222	75	423155	54.197	ug/l	90
37) Ethyl Acetate	7.415	43	319788	48.077	ug/l #	93
38) Carbon Tetrachloride	8.206	117	507542	56.361	ug/l	99
39) Methylcyclohexane	9.461	83	550293	62.405	ug/l #	82
40) Benzene	8.461	78	1279123	53.676	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	164754	54.252	ug/l	#	84
42) 1,2-Dichloroethane	8.534	62	429221	52.877	ug/l		91
43) Isopropyl Acetate	8.563	43	566844	53.201	ug/l	#	87
44) Trichloroethene	9.217	130	395151	55.140	ug/l		74
45) 1,2-Dichloropropane	9.491	63	302884	54.036	ug/l		98
46) Dibromomethane	9.579	93	249916	54.657	ug/l	#	75
47) Bromodichloromethane	9.765	83	481634	56.683	ug/l	#	98
48) Methyl methacrylate	9.561	41	245161	55.215	ug/l	#	78
49) 1,4-Dioxane	9.571	88	104029	969.329	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.333	43	1770770	270.555	ug/l		88
52) Toluene	10.507	92	909307	55.972	ug/l		100
53) t-1,3-Dichloropropene	10.722	75	505304	60.546	ug/l		100
54) cis-1,3-Dichloropropene	10.191	75	527469	58.334	ug/l	#	81
55) 1,1,2-Trichloroethane	10.902	97	365288	56.266	ug/l		94
56) Ethyl methacrylate	10.765	69	486102	58.306	ug/l	#	78
57) 1,3-Dichloropropane	11.047	76	547272	54.731	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.043	63	387081	219.348	ug/l	#	81
59) 2-Hexanone	11.087	43	1270610	279.588	ug/l		85
60) Dibromochloromethane	11.240	129	446460	60.957	ug/l		100
61) 1,2-Dibromoethane	11.350	107	390328	57.973	ug/l		100
64) Tetrachloroethene	10.979	164	411305	57.237	ug/l		88
65) Chlorobenzene	11.773	112	1060175	55.718	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.843	131	425600	59.297	ug/l		98
67) Ethyl Benzene	11.846	91	1782310	56.787	ug/l		92
68) m/p-Xylenes	11.956	106	1466916	116.836	ug/l		77
69) o-Xylene	12.283	106	710565	58.573	ug/l		78
70) Styrene	12.296	104	1171686	60.341	ug/l	#	89
71) Bromoform	12.460	173	375332	65.205	ug/l	#	98
73) Isopropylbenzene	12.581	105	1858743	51.140	ug/l		94
74) N-amyl acetate	12.390	43	459061	48.504	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.830	83	502264	46.077	ug/l		98
76) 1,2,3-Trichloropropane	12.884	75	412136m	48.520	ug/l		
77) Bromobenzene	12.862	156	524686	52.398	ug/l		50
78) n-propylbenzene	12.924	91	2041505	52.361	ug/l		89
79) 2-Chlorotoluene	13.010	91	1187855	49.263	ug/l		80
80) 1,3,5-Trimethylbenzene	13.061	105	1548374	52.660	ug/l		88
81) trans-1,4-Dichloro-2-b...	12.626	75	139768	53.908	ug/l	#	84
82) 4-Chlorotoluene	13.106	91	1194146	51.023	ug/l		82
83) tert-Butylbenzene	13.326	119	1411542	54.061	ug/l		81
84) 1,2,4-Trimethylbenzene	13.369	105	1536678	53.536	ug/l		89
85) sec-Butylbenzene	13.503	105	1941726	56.479	ug/l		91
86) p-Isopropyltoluene	13.619	119	1706520	60.135	ug/l		89
87) 1,3-Dichlorobenzene	13.616	146	954244	55.887	ug/l		91
88) 1,4-Dichlorobenzene	13.696	146	924922	53.470	ug/l		91
89) n-Butylbenzene	13.943	91	1322773	62.485	ug/l		95
90) Hexachloroethane	14.214	117	294587	55.948	ug/l		63
91) 1,2-Dichlorobenzene	13.991	146	894437	55.020	ug/l		90
92) 1,2-Dibromo-3-Chloropr...	14.605	75	83423	50.527	ug/l	#	23
93) 1,2,4-Trichlorobenzene	15.265	180	522772	60.712	ug/l		97
94) Hexachlorobutadiene	15.373	225	290484	65.978	ug/l		98
95) Naphthalene	15.507	128	1189037	58.652	ug/l		100
96) 1,2,3-Trichlorobenzene	15.702	180	500190	61.130	ug/l		96

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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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