Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
Data File : VN068233.D
Acq On : 19 Aug 2021 22:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
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8/20/2021 6:50:19 PM

Quant Time: Aug 20 01:57:05 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	569670	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	886149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	877954	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	450016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	299336	49.213	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.420%			
35) Dibromofluoromethane	8.024	113	275567	49.531	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.060%			
50) Toluene-d8	10.443	98	1088136	51.330	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.734	95	369856	52.410	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	209283	46.364	ug/l	99
3) Chloromethane	2.301	50	231513	45.397	ug/l	99
4) Vinyl Chloride	2.443	62	383055	47.936	ug/l	95
5) Bromomethane	2.834	94	323963	51.467	ug/l	95
6) Chloroethane	3.006	64	279497	58.850	ug/l	97
7) Trichlorofluoromethane	3.368	101	741892	47.226	ug/l	100
8) Diethyl Ether	3.821	74	233033	63.952	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.200	101	230337	47.955	ug/l #	84
10) Methyl Iodide	4.414	142	342987	50.219	ug/l #	88
11) Tert butyl alcohol	5.393	59	199148	262.544	ug/l	100
12) 1,1-Dichloroethene	4.173	96	220229	47.687	ug/l #	75
13) Acrolein	4.036	56	135398	272.079	ug/l	100
14) Allyl chloride	4.833	41	282686	47.887	ug/l #	94
15) Acrylonitrile	5.557	53	567526	265.563	ug/l	99
16) Acetone	4.291	43	444250	250.153	ug/l #	89
17) Carbon Disulfide	4.521	76	569813	47.728	ug/l	99
18) Methyl Acetate	4.857	43	271965	60.711	ug/l #	86
19) Methyl tert-butyl Ether	5.624	73	784864	52.714	ug/l	95
20) Methylene Chloride	5.093	84	264677	54.045	ug/l #	80
21) trans-1,2-Dichloroethene	5.597	96	255716	49.458	ug/l #	78
22) Diisopropyl ether	6.501	45	679997	52.731	ug/l #	92
23) Vinyl Acetate	6.436	43	2719690	270.942	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	424344	49.250	ug/l	95
25) 2-Butanone	7.340	43	739642	267.248	ug/l #	83
26) 2,2-Dichloropropane	7.327	77	307731	41.684	ug/l	87
27) cis-1,2-Dichloroethene	7.329	96	308148	49.775	ug/l	75
28) Bromochloromethane	7.659	49	204334	53.932	ug/l #	40
29) Tetrahydrofuran	7.689	42	485018	274.023	ug/l #	78
30) Chloroform	7.820	83	516651	50.337	ug/l	100
31) Cyclohexane	8.094	56	379235	47.336	ug/l #	82
32) 1,1,1-Trichloroethane	8.016	97	480666	52.513	ug/l	94
36) 1,1-Dichloropropene	8.223	75	359174	49.583	ug/l	90
37) Ethyl Acetate	7.418	43	314600	50.978	ug/l	95
38) Carbon Tetrachloride	8.206	117	438799	52.520	ug/l	97
39) Methylcyclohexane	9.462	83	445414	54.443	ug/l #	84
40) Benzene	8.461	78	1136117	51.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	154410	54.803	ug/l	#	86
42) 1,2-Dichloroethane	8.531	62	380651	50.543	ug/l		91
43) Isopropyl Acetate	8.563	43	552272	55.868	ug/l	#	91
44) Trichloroethene	9.218	130	328029	49.337	ug/l		79
45) 1,2-Dichloropropane	9.494	63	271499	52.206	ug/l		99
46) Dibromomethane	9.580	93	221983	52.327	ug/l	#	77
47) Bromodichloromethane	9.765	83	422065	53.538	ug/l	#	97
48) Methyl methacrylate	9.564	41	227384	55.197	ug/l	#	81
49) 1,4-Dioxane	9.572	88	106366	1068.241	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.333	43	1715358	282.487	ug/l		89
52) Toluene	10.508	92	805093	53.414	ug/l		99
53) t-1,3-Dichloropropene	10.722	75	420754	54.339	ug/l		100
54) cis-1,3-Dichloropropene	10.191	75	439779	52.421	ug/l	#	83
55) 1,1,2-Trichloroethane	10.902	97	320857	53.269	ug/l		94
56) Ethyl methacrylate	10.762	69	439306	56.794	ug/l	#	80
57) 1,3-Dichloropropane	11.047	76	487790	52.579	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.044	63	403492	244.145	ug/l	#	82
59) 2-Hexanone	11.090	43	1229826	291.676	ug/l		86
60) Dibromochloromethane	11.240	129	384866	56.637	ug/l		100
61) 1,2-Dibromoethane	11.350	107	346837	55.522	ug/l		99
64) Tetrachloroethene	10.980	164	329043	48.468	ug/l		87
65) Chlorobenzene	11.773	112	903964	50.287	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.846	131	367744	54.233	ug/l		98
67) Ethyl Benzene	11.849	91	1534421	51.749	ug/l		92
68) m/p-Xylenes	11.956	106	1272279	107.262	ug/l		77
69) o-Xylene	12.283	106	612628	53.455	ug/l		80
70) Styrene	12.296	104	1009516	55.031	ug/l	#	89
71) Bromoform	12.460	173	324495	59.672	ug/l	#	99
73) Isopropylbenzene	12.581	105	1587491	49.601	ug/l		94
74) N-amyl acetate	12.390	43	429975	51.593	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	460856	48.013	ug/l		98
76) 1,2,3-Trichloropropane	12.884	75	334015m	44.656	ug/l		
77) Bromobenzene	12.862	156	449286	50.954	ug/l		52
78) n-propylbenzene	12.924	91	1695635	49.389	ug/l		89
79) 2-Chlorotoluene	13.010	91	1016828	47.890	ug/l		80
80) 1,3,5-Trimethylbenzene	13.061	105	1333385	51.498	ug/l		90
81) trans-1,4-Dichloro-2-b...	12.629	75	116486	51.022	ug/l		85
82) 4-Chlorotoluene	13.106	91	998021	48.427	ug/l		82
83) tert-Butylbenzene	13.326	119	1193451	51.908	ug/l		82
84) 1,2,4-Trimethylbenzene	13.372	105	1304700	51.619	ug/l		89
85) sec-Butylbenzene	13.503	105	1586449	52.404	ug/l		91
86) p-Isopropyltoluene	13.619	119	1369486	54.804	ug/l		89
87) 1,3-Dichlorobenzene	13.619	146	763899	50.807	ug/l		91
88) 1,4-Dichlorobenzene	13.696	146	741937	48.709	ug/l		92
89) n-Butylbenzene	13.946	91	963658	51.695	ug/l		95
90) Hexachloroethane	14.214	117	249852	53.888	ug/l		63
91) 1,2-Dichlorobenzene	13.991	146	732640	51.180	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	74254	51.073	ug/l	#	32
93) 1,2,4-Trichlorobenzene	15.268	180	341901	45.783	ug/l		96
94) Hexachlorobutadiene	15.373	225	201742	52.037	ug/l		98
95) Naphthalene	15.509	128	804207	45.825	ug/l		99
96) 1,2,3-Trichlorobenzene	15.703	180	331998	46.775	ug/l		96

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

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