Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072470.D
Acq On : 13 May 2022 11:50
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 13 14:38:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	173101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	264695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	258067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	121109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	137014	51.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.360%			
35) Dibromofluoromethane	8.016	113	92543	52.551	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.100%			
50) Toluene-d8	10.439	98	344208	51.322	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.727	95	130851	58.747	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	99651	46.159	ug/l	99
3) Chloromethane	2.298	50	90038	44.414	ug/l	98
4) Vinyl Chloride	2.440	62	78494	42.701	ug/l	98
5) Bromomethane	2.816	94	64844	59.249	ug/l	96
6) Chloroethane	2.987	64	48738	50.628	ug/l	97
7) Trichlorofluoromethane	3.363	101	173558	50.942	ug/l	100
8) Diethyl Ether	3.822	74	60611	49.313	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	88401	47.552	ug/l	99
10) Methyl Iodide	4.416	142	122002	49.506	ug/l #	86
11) Tert butyl alcohol	5.363	59	113115	260.918	ug/l	100
12) 1,1-Dichloroethene	4.181	96	76872	44.131	ug/l	90
13) Acrolein	4.034	56	97398	229.626	ug/l	94
14) Allyl chloride	4.834	41	147652	45.527	ug/l	92
15) Acrylonitrile	5.545	53	278385	236.311	ug/l	98
16) Acetone	4.281	43	253940	241.844	ug/l	94
17) Carbon Disulfide	4.522	76	190670	42.206	ug/l	99
18) Methyl Acetate	4.851	43	146337	47.335	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	350218	55.635	ug/l	100
20) Methylene Chloride	5.087	84	100415	46.641	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	86858	47.661	ug/l	88
22) Diisopropyl ether	6.492	45	318811	48.376	ug/l	98
23) Vinyl Acetate	6.428	43	1398016	253.525	ug/l	94
24) 1,1-Dichloroethane	6.381	63	180119	48.433	ug/l	97
25) 2-Butanone	7.328	43	385182	232.432	ug/l	95
26) 2,2-Dichloropropane	7.322	77	165395	52.923	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	108098	49.339	ug/l	92
28) Bromochloromethane	7.657	49	74669	47.287	ug/l	92
29) Tetrahydrofuran	7.680	42	250656	232.731	ug/l	93
30) Chloroform	7.816	83	200270	52.933	ug/l	99
31) Cyclohexane	8.092	56	143948	40.974	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	181364	52.263	ug/l	99
36) 1,1-Dichloropropene	8.216	75	129334	51.134	ug/l	97
37) Ethyl Acetate	7.404	43	154672	50.969	ug/l	97
38) Carbon Tetrachloride	8.204	117	159874	56.477	ug/l	96
39) Methylcyclohexane	9.457	83	154075	54.202	ug/l	95
40) Benzene	8.457	78	385978	51.083	ug/l	100

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Reviewed By :John Carlone 05/16/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.633	41	88375	58.814	ug/l	#	85
42) 1,2-Dichloroethane	8.527	62	179350	59.056	ug/l		95
43) Isopropyl Acetate	8.557	43	249986	53.631	ug/l		97
44) Trichloroethene	9.216	130	100548	52.420	ug/l		94
45) 1,2-Dichloropropane	9.486	63	99824	51.733	ug/l		97
46) Dibromomethane	9.574	93	76728	57.107	ug/l		94
47) Bromodichloromethane	9.757	83	162385	59.284	ug/l		97
48) Methyl methacrylate	9.551	41	117038	53.817	ug/l		89
49) 1,4-Dioxane	9.563	88	45605	1229.331	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.327	43	790681	273.179	ug/l		94
52) Toluene	10.504	92	251128	53.901	ug/l		100
53) t-1,3-Dichloropropene	10.716	75	171157	61.388	ug/l		98
54) cis-1,3-Dichloropropene	10.186	75	176664	59.389	ug/l	#	89
55) 1,1,2-Trichloroethane	10.892	97	106066	54.647	ug/l		98
56) Ethyl methacrylate	10.757	69	172882	62.149	ug/l	#	87
57) 1,3-Dichloropropane	11.039	76	187151	56.625	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.039	63	237418	311.167	ug/l		99
59) 2-Hexanone	11.080	43	576837	284.228	ug/l		91
60) Dibromochloromethane	11.233	129	128355	62.254	ug/l		99
61) 1,2-Dibromoethane	11.339	107	112176	57.993	ug/l		98
64) Tetrachloroethene	10.974	164	91078	49.031	ug/l		95
65) Chlorobenzene	11.763	112	275225	52.200	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.833	131	115489	54.725	ug/l		97
67) Ethyl Benzene	11.839	91	501361	55.112	ug/l		98
68) m/p-Xylenes	11.951	106	384938	111.568	ug/l		92
69) o-Xylene	12.274	106	191906	56.610	ug/l		94
70) Styrene	12.292	104	314274	60.599	ug/l		96
71) Bromoform	12.457	173	93504	60.065	ug/l	#	100
73) Isopropylbenzene	12.574	105	500127	49.849	ug/l		98
74) N-amyl acetate	12.386	43	176064	49.647	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.821	83	157802	43.324	ug/l		99
76) 1,2,3-Trichloropropane	12.874	75	150980m	47.797	ug/l		
77) Bromobenzene	12.857	156	120323	50.127	ug/l		96
78) n-propylbenzene	12.915	91	560953	52.250	ug/l		98
79) 2-Chlorotoluene	13.004	91	359263	50.938	ug/l		95
80) 1,3,5-Trimethylbenzene	13.057	105	431021	52.455	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.621	75	47816	50.499	ug/l		88
82) 4-Chlorotoluene	13.098	91	348211	52.096	ug/l		98
83) tert-Butylbenzene	13.315	119	377545	52.484	ug/l		95
84) 1,2,4-Trimethylbenzene	13.362	105	429412	53.721	ug/l		97
85) sec-Butylbenzene	13.498	105	501176	52.241	ug/l		99
86) p-Isopropyltoluene	13.610	119	422909	56.592	ug/l		98
87) 1,3-Dichlorobenzene	13.610	146	214628	51.846	ug/l		99
88) 1,4-Dichlorobenzene	13.692	146	206365	50.109	ug/l		97
89) n-Butylbenzene	13.939	91	321817	56.337	ug/l		97
90) Hexachloroethane	14.204	117	75779	50.745	ug/l		94
91) 1,2-Dichlorobenzene	13.986	146	210167	50.833	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35492	56.036	ug/l		85
93) 1,2,4-Trichlorobenzene	15.256	180	98892	63.142	ug/l		97
94) Hexachlorobutadiene	15.368	225	54213	52.280	ug/l		99
95) Naphthalene	15.498	128	307899	52.990	ug/l		100
96) 1,2,3-Trichlorobenzene	15.698	180	102647	65.400	ug/l		98

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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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