Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080831.D
Acq On : 31 Jan 2024 11:14
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

Quant Time: Jan 31 23:12:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	120908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	218374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99548	47.592	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.180%			
35) Dibromofluoromethane	8.171	113	71725	45.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.340%			
50) Toluene-d8	10.571	98	275632	44.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.680%			
62) 4-Bromofluorobenzene	12.847	95	95529	44.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	77740	43.288	ug/l	92
3) Chloromethane	2.359	50	124599	46.156	ug/l	98
4) Vinyl Chloride	2.512	62	94484	46.038	ug/l	96
5) Bromomethane	2.954	94	38461	46.853	ug/l	97
6) Chloroethane	3.118	64	54708	49.999	ug/l	95
7) Trichlorofluoromethane	3.495	101	120950	45.536	ug/l #	79
8) Diethyl Ether	3.953	74	62324	50.864	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	68972	44.530	ug/l	98
10) Methyl Iodide	4.589	142	59303	45.356	ug/l	94
11) Tert butyl alcohol	5.512	59	77722	227.946	ug/l	98
12) 1,1-Dichloroethene	4.342	96	73787	43.477	ug/l	88
13) Acrolein	4.177	56	108643	252.672	ug/l	95
14) Allyl chloride	5.018	41	156573	46.675	ug/l	98
15) Acrylonitrile	5.712	53	257571	251.177	ug/l	99
16) Acetone	4.418	43	180962	238.549	ug/l	97
17) Carbon Disulfide	4.712	76	227313	43.023	ug/l	100
18) Methyl Acetate	5.024	43	136746	51.723	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	298210	49.868	ug/l	100
20) Methylene Chloride	5.277	84	95283	47.849	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	85230	46.225	ug/l	93
22) Diisopropyl ether	6.665	45	371870	50.242	ug/l	97
23) Vinyl Acetate	6.600	43	1440980	269.067	ug/l	99
24) 1,1-Dichloroethane	6.565	63	183862	48.981	ug/l	98
25) 2-Butanone	7.483	43	346028	240.149	ug/l	95
26) 2,2-Dichloropropane	7.489	77	142271	46.893	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	100025	46.864	ug/l	96
28) Bromochloromethane	7.818	49	101664	51.155	ug/l #	98
29) Tetrahydrofuran	7.836	42	239065	245.198	ug/l	99
30) Chloroform	7.971	83	170492	48.889	ug/l	97
31) Cyclohexane	8.253	56	150488	41.957	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	136655	48.323	ug/l	96
36) 1,1-Dichloropropene	8.371	75	128774	44.117	ug/l	98
37) Ethyl Acetate	7.559	43	147685	49.149	ug/l	95
38) Carbon Tetrachloride	8.359	117	103039	43.812	ug/l	95
39) Methylcyclohexane	9.600	83	125546	43.273	ug/l	93
40) Benzene	8.606	78	397920	46.383	ug/l	94

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Reviewed By :John Carlone 02/01/2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	79368	44.815	ug/l		98
42) 1,2-Dichloroethane	8.671	62	142943	51.144	ug/l		97
43) Isopropyl Acetate	8.688	43	263844	48.229	ug/l		98
44) Trichloroethene	9.353	130	80040	42.358	ug/l		92
45) 1,2-Dichloropropane	9.624	63	109865	47.322	ug/l		100
46) Dibromomethane	9.712	93	64779	47.068	ug/l		97
47) Bromodichloromethane	9.888	83	137136	49.078	ug/l	#	92
48) Methyl methacrylate	9.682	41	122236	46.089	ug/l		98
49) 1,4-Dioxane	9.694	88	29222	914.711	ug/l		97
51) 4-Methyl-2-Pentanone	10.447	43	760064	248.530	ug/l		98
52) Toluene	10.629	92	227772	46.306	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	159761	49.080	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	170355	48.126	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	87605	46.342	ug/l		95
56) Ethyl methacrylate	10.877	69	156458	53.839	ug/l		98
57) 1,3-Dichloropropane	11.165	76	169896	47.755	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	424576	250.621	ug/l		99
59) 2-Hexanone	11.200	43	559428	235.494	ug/l		99
60) Dibromochloromethane	11.359	129	84891	48.279	ug/l		98
61) 1,2-Dibromoethane	11.471	107	84559	47.729	ug/l		97
64) Tetrachloroethene	11.106	164	65066	45.331	ug/l		92
65) Chlorobenzene	11.894	112	219602	46.077	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	73657	47.526	ug/l		94
67) Ethyl Benzene	11.965	91	416022	46.965	ug/l		96
68) m/p-Xylenes	12.071	106	304449	96.778	ug/l		100
69) o-Xylene	12.400	106	149310	47.766	ug/l		99
70) Styrene	12.412	104	254307	50.657	ug/l		99
71) Bromoform	12.582	173	51630	49.269	ug/l	#	100
73) Isopropylbenzene	12.694	105	361730	46.244	ug/l		100
74) N-amyl acetate	12.494	43	235113	48.411	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	124755	45.340	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	116489m	45.217	ug/l		
77) Bromobenzene	12.982	156	74965	44.833	ug/l		97
78) n-propylbenzene	13.041	91	446206	47.749	ug/l		100
79) 2-Chlorotoluene	13.129	91	270021	45.462	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	295706	47.468	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	47683	47.682	ug/l		91
82) 4-Chlorotoluene	13.223	91	269802	45.876	ug/l		97
83) tert-Butylbenzene	13.441	119	232203	46.676	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	299997	47.530	ug/l		99
85) sec-Butylbenzene	13.618	105	341648	46.582	ug/l		96
86) p-Isopropyltoluene	13.729	119	264932	46.483	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	133576	44.662	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	136538	45.535	ug/l		99
89) n-Butylbenzene	14.059	91	268877	48.207	ug/l		99
90) Hexachloroethane	14.335	117	46965	47.092	ug/l		93
91) 1,2-Dichlorobenzene	14.112	146	133016	48.592	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23549	45.788	ug/l		99
93) 1,2,4-Trichlorobenzene	15.394	180	66392	47.122	ug/l		98
94) Hexachlorobutadiene	15.500	225	26284	42.701	ug/l		96
95) Naphthalene	15.647	128	246617	45.744	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	62412	45.067	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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