

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080658.D
 Acq On : 10 Jan 2024 13:09
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 06:17:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	173822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	340734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	283361	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160924	52.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.440%			
35) Dibromofluoromethane	8.165	113	108599	56.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.200%			
50) Toluene-d8	10.571	98	396007	53.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.300%			
62) 4-Bromofluorobenzene	12.847	95	151706	53.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	153194	54.248	ug/l	99
3) Chloromethane	2.359	50	160629	50.387	ug/l	99
4) Vinyl Chloride	2.512	62	129325	50.475	ug/l	99
5) Bromomethane	2.947	94	47970	49.259	ug/l	98
6) Chloroethane	3.118	64	69337	50.471	ug/l	98
7) Trichlorofluoromethane	3.495	101	223224	52.757	ug/l	94
8) Diethyl Ether	3.959	74	91774	49.631	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	118199	51.254	ug/l	92
10) Methyl Iodide	4.589	142	102097	52.945	ug/l	93
11) Tert butyl alcohol	5.512	59	134115	259.795	ug/l	# 93
12) 1,1-Dichloroethene	4.342	96	121644	46.873	ug/l	# 73
13) Acrolein	4.171	56	98496	226.666	ug/l	95
14) Allyl chloride	5.018	41	244501	47.527	ug/l	# 89
15) Acrylonitrile	5.718	53	337630	250.456	ug/l	100
16) Acetone	4.424	43	279253	278.653	ug/l	88
17) Carbon Disulfide	4.706	76	368161	46.382	ug/l	100
18) Methyl Acetate	5.018	43	153043	51.284	ug/l	# 81
19) Methyl tert-butyl Ether	5.788	73	446814	49.965	ug/l	95
20) Methylene Chloride	5.271	84	135172	46.204	ug/l	# 69
21) trans-1,2-Dichloroethene	5.788	96	127649	48.493	ug/l	# 73
22) Diisopropyl ether	6.671	45	477208	49.192	ug/l	# 91
23) Vinyl Acetate	6.600	43	2017421	256.978	ug/l	# 84
24) 1,1-Dichloroethane	6.565	63	262572	49.446	ug/l	97
25) 2-Butanone	7.477	43	455517	251.461	ug/l	# 79
26) 2,2-Dichloropropane	7.488	77	233637	50.307	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	147308	50.764	ug/l	76
28) Bromochloromethane	7.818	49	122069	49.171	ug/l	# 64
29) Tetrahydrofuran	7.835	42	308413	252.596	ug/l	# 72
30) Chloroform	7.965	83	248402	49.898	ug/l	100
31) Cyclohexane	8.259	56	219844	46.617	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	222623	54.843	ug/l	# 93
36) 1,1-Dichloropropene	8.377	75	195577	49.317	ug/l	93
37) Ethyl Acetate	7.553	43	195743	50.902	ug/l	# 89
38) Carbon Tetrachloride	8.365	117	183288	51.475	ug/l	99
39) Methylcyclohexane	9.600	83	194708	51.306	ug/l	# 80
40) Benzene	8.606	78	555678	49.844	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	116876	52.968	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	216709	50.775	ug/l	96
43) Isopropyl Acetate	8.688	43	359940	50.921	ug/l #	88
44) Trichloroethene	9.353	130	124977	49.519	ug/l	95
45) 1,2-Dichloropropane	9.624	63	146659	49.620	ug/l	97
46) Dibromomethane	9.706	93	93866	50.196	ug/l	93
47) Bromodichloromethane	9.888	83	205587	49.533	ug/l	100
48) Methyl methacrylate	9.682	41	169069	50.519	ug/l #	77
49) 1,4-Dioxane	9.694	88	46104	1105.632	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	971971	254.882	ug/l #	86
52) Toluene	10.629	92	323361	50.625	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	240849	52.281	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	250015	51.176	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	120824	49.145	ug/l	95
56) Ethyl methacrylate	10.876	69	219429	49.830	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	232468	51.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	537120	254.659	ug/l #	86
59) 2-Hexanone	11.194	43	723781	257.104	ug/l	84
60) Dibromochloromethane	11.359	129	127793	50.576	ug/l	97
61) 1,2-Dibromoethane	11.470	107	125315	51.852	ug/l	97
64) Tetrachloroethene	11.106	164	95517	49.085	ug/l	87
65) Chlorobenzene	11.894	112	318459	51.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	114979	52.310	ug/l	100
67) Ethyl Benzene	11.965	91	610750	51.665	ug/l	94
68) m/p-Xylenes	12.070	106	440381	105.961	ug/l	87
69) o-Xylene	12.400	106	218047	53.658	ug/l	88
70) Styrene	12.412	104	369142	53.495	ug/l	94
71) Bromoform	12.582	173	80524	53.250	ug/l #	99
73) Isopropylbenzene	12.694	105	544102	52.259	ug/l	98
74) N-amyl acetate	12.494	43	313742	50.212	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	174894	51.208	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	168362m	48.943	ug/l	
77) Bromobenzene	12.982	156	112212	50.742	ug/l	72
78) n-propylbenzene	13.035	91	655707	51.339	ug/l	95
79) 2-Chlorotoluene	13.129	91	406620	49.677	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	452474	52.146	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	70288	49.049	ug/l #	71
82) 4-Chlorotoluene	13.223	91	406052	50.602	ug/l	94
83) tert-Butylbenzene	13.441	119	350561	50.537	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	444521	52.099	ug/l	97
85) sec-Butylbenzene	13.617	105	516920	52.447	ug/l	98
86) p-Isopropyltoluene	13.729	119	403993	51.900	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	198599	50.280	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	206002	51.192	ug/l	96
89) n-Butylbenzene	14.059	91	401340	53.491	ug/l	97
90) Hexachloroethane	14.335	117	74524	51.625	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	195305	52.473	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40656	52.025	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	103455	53.370	ug/l	95
94) Hexachlorobutadiene	15.506	225	45053	48.430	ug/l	97
95) Naphthalene	15.641	128	402351	52.740	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	101655	54.178	ug/l	98

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

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