

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081646.D
 Acq On : 01 Apr 2024 16:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	342118	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	593969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538082	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	225408	51.665	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	8.165	113	201488	53.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	10.565	98	689168	50.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.847	95	250851	52.538	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	183003	39.726	ug/l	93
3) Chloromethane	2.359	50	205071	44.712	ug/l	98
4) Vinyl Chloride	2.518	62	230598	44.799	ug/l	96
5) Bromomethane	2.953	94	171060	46.991	ug/l	97
6) Chloroethane	3.118	64	183241	51.849	ug/l	96
7) Trichlorofluoromethane	3.500	101	392658	51.185	ug/l	96
8) Diethyl Ether	3.965	74	130797	51.519	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	227269	52.139	ug/l #	90
10) Methyl Iodide	4.589	142	230641	53.134	ug/l	97
11) Tert butyl alcohol	5.518	59	171414	225.451	ug/l	98
12) 1,1-Dichloroethene	4.342	96	196938	48.777	ug/l	87
13) Acrolein	4.183	56	132389	194.048	ug/l	98
14) Allyl chloride	5.018	41	263691	52.120	ug/l #	85
15) Acrylonitrile	5.718	53	510532	250.994	ug/l	97
16) Acetone	4.424	43	338954	240.395	ug/l	99
17) Carbon Disulfide	4.712	76	478887	41.332	ug/l	96
18) Methyl Acetate	5.024	43	261339	60.120	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	724811	57.361	ug/l	96
20) Methylene Chloride	5.271	84	237592	51.442	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	232215	51.583	ug/l	95
22) Diisopropyl ether	6.671	45	685465	58.310	ug/l #	94
23) Vinyl Acetate	6.600	43	2494782	266.621	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	424938	53.970	ug/l	95
25) 2-Butanone	7.483	43	605767	250.480	ug/l #	86
26) 2,2-Dichloropropane	7.483	77	406154	59.475	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	286641	56.275	ug/l	85
28) Bromochloromethane	7.812	49	156744	48.876	ug/l #	52
29) Tetrahydrofuran	7.835	42	410661	252.062	ug/l #	75
30) Chloroform	7.965	83	485068	57.549	ug/l	99
31) Cyclohexane	8.253	56	324138	45.656	ug/l #	71
32) 1,1,1-Trichloroethane	8.165	97	439737	57.503	ug/l	93
36) 1,1-Dichloropropene	8.371	75	338495	53.658	ug/l	94
37) Ethyl Acetate	7.559	43	258466	47.848	ug/l	96
38) Carbon Tetrachloride	8.359	117	384839	55.689	ug/l	96
39) Methylcyclohexane	9.600	83	367418	52.155	ug/l #	85
40) Benzene	8.606	78	1008837	54.700	ug/l	96

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41) Methacrylonitrile	7.777	41	153087	53.588	ug/l	90
42) 1,2-Dichloroethane	8.671	62	345063	53.164	ug/l	96
43) Isopropyl Acetate	8.688	43	460541	51.434	ug/l #	90
44) Trichloroethene	9.353	130	277694	53.535	ug/l	93
45) 1,2-Dichloropropane	9.624	63	250712	56.091	ug/l	99
46) Dibromomethane	9.706	93	190279	56.057	ug/l #	88
47) Bromodichloromethane	9.888	83	392891	59.201	ug/l #	99
48) Methyl methacrylate	9.677	41	209823	50.805	ug/l #	82
49) 1,4-Dioxane	9.700	88	95014	957.315	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	1384635	253.422	ug/l	91
52) Toluene	10.629	92	643432	54.890	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	400020	55.820	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	431218	56.123	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	259598	55.029	ug/l	94
56) Ethyl methacrylate	10.876	69	356075	50.632	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	430629	55.683	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	821209	276.652	ug/l #	84
59) 2-Hexanone	11.194	43	1012556	250.659	ug/l	90
60) Dibromochloromethane	11.359	129	298562	57.547	ug/l	98
61) 1,2-Dibromoethane	11.471	107	266251	55.358	ug/l	99
64) Tetrachloroethene	11.106	164	284824	55.377	ug/l	93
65) Chlorobenzene	11.894	112	692219	54.419	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	276011	58.545	ug/l	96
67) Ethyl Benzene	11.965	91	1245986	56.390	ug/l	97
68) m/p-Xylenes	12.070	106	972075	117.352	ug/l	93
69) o-Xylene	12.400	106	475754	58.504	ug/l	90
70) Styrene	12.412	104	787636	60.054	ug/l	95
71) Bromoform	12.582	173	192283	54.276	ug/l #	95
73) Isopropylbenzene	12.694	105	1228987	53.405	ug/l	97
74) N-amyl acetate	12.494	43	391348	46.992	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	323601	47.827	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	295234m	45.717	ug/l	
77) Bromobenzene	12.982	156	286782	50.448	ug/l	69
78) n-propylbenzene	13.035	91	1474930	54.272	ug/l	96
79) 2-Chlorotoluene	13.129	91	848652	52.175	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1036794	54.547	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	118907	49.758	ug/l	96
82) 4-Chlorotoluene	13.223	91	855277	53.334	ug/l	91
83) tert-Butylbenzene	13.441	119	885458	54.023	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1041125	54.499	ug/l	93
85) sec-Butylbenzene	13.617	105	1301717	55.555	ug/l	94
86) p-Isopropyltoluene	13.729	119	1093709	57.102	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	566787	54.266	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	560447	51.822	ug/l	96
89) n-Butylbenzene	14.059	91	952992	56.111	ug/l	96
90) Hexachloroethane	14.335	117	197869	54.549	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	554118	55.121	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	74346	51.632	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	327878	56.408	ug/l	99
94) Hexachlorobutadiene	15.506	225	130915	51.332	ug/l	96
95) Naphthalene	15.641	128	1065558	56.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	317249	54.261	ug/l	97

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

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