

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081034.D
 Acq On : 14 Feb 2024 18:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 15 08:05:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	612788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1096520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	907755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	344521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	359327	47.672	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.340%		
35) Dibromofluoromethane	8.171	113	294084	46.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.560%		
50) Toluene-d8	10.570	98	980928	44.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.480%		
62) 4-Bromofluorobenzene	12.853	95	341569	45.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	415362	52.851	ug/l	95
3) Chloromethane	2.359	50	447088	47.127	ug/l	99
4) Vinyl Chloride	2.518	62	405392	49.115	ug/l	97
5) Bromomethane	2.942	94	188787	45.332	ug/l	88
6) Chloroethane	3.118	64	243297	45.846	ug/l	99
7) Trichlorofluoromethane	3.494	101	564225	48.564	ug/l	95
8) Diethyl Ether	3.959	74	231042	50.158	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	323767	47.222	ug/l	90
10) Methyl Iodide	4.588	142	308737	44.342	ug/l	99
11) Tert butyl alcohol	5.518	59	355039	262.598	ug/l	100
12) 1,1-Dichloroethene	4.341	96	324555	48.596	ug/l	90
13) Acrolein	4.177	56	283278	264.320	ug/l	97
14) Allyl chloride	5.024	41	548420	50.422	ug/l	99
15) Acrylonitrile	5.718	53	879371	253.953	ug/l	97
16) Acetone	4.424	43	654540	221.829	ug/l	97
17) Carbon Disulfide	4.712	76	852999	44.081	ug/l	98
18) Methyl Acetate	5.018	43	419471	53.976	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	1187263	50.946	ug/l	97
20) Methylene Chloride	5.277	84	370191	48.166	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	348566	47.473	ug/l	96
22) Diisopropyl ether	6.671	45	1180194	49.609	ug/l #	93
23) Vinyl Acetate	6.600	43	4771121	248.821	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	664953	50.123	ug/l	97
25) 2-Butanone	7.482	43	1161118	242.394	ug/l	96
26) 2,2-Dichloropropane	7.488	77	583265	47.771	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	408882	48.184	ug/l	92
28) Bromochloromethane	7.812	49	257039	47.992	ug/l #	68
29) Tetrahydrofuran	7.835	42	790305	256.714	ug/l	89
30) Chloroform	7.965	83	691417	48.563	ug/l	100
31) Cyclohexane	8.259	56	589994	45.058	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	617659	49.130	ug/l	95
36) 1,1-Dichloropropene	8.371	75	498973	47.568	ug/l	97
37) Ethyl Acetate	7.559	43	498552	51.957	ug/l	99
38) Carbon Tetrachloride	8.359	117	453739	59.096	ug/l	98
39) Methylcyclohexane	9.600	83	593830	46.015	ug/l	94
40) Benzene	8.606	78	1497892	48.288	ug/l	96

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 Sample : VSTDC0050
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 ALS Vial : 19 Sample Multiplier: 1

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 VSTDC0050EC

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	286248	49.142	ug/l	98
42) 1,2-Dichloroethane	8.671	62	544424	49.445	ug/l	99
43) Isopropyl Acetate	8.688	43	886075	49.288	ug/l	97
44) Trichloroethene	9.353	130	402852	43.847	ug/l	95
45) 1,2-Dichloropropane	9.623	63	377721	49.225	ug/l	98
46) Dibromomethane	9.706	93	266624	49.226	ug/l #	90
47) Bromodichloromethane	9.888	83	538817	50.759	ug/l #	96
48) Methyl methacrylate	9.682	41	416173	49.168	ug/l	92
49) 1,4-Dioxane	9.694	88	145647	1004.715	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	2499335	249.289	ug/l	96
52) Toluene	10.635	92	900156	46.455	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	603188	48.231	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	639043	48.316	ug/l	98
55) 1,1,2-Trichloroethane	11.017	97	353298	48.486	ug/l	96
56) Ethyl methacrylate	10.876	69	587219	49.219	ug/l	93
57) 1,3-Dichloropropane	11.165	76	637812	48.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1381778	233.406	ug/l #	88
59) 2-Hexanone	11.200	43	1847725	250.942	ug/l	97
60) Dibromochloromethane	11.359	129	360516	52.032	ug/l	98
61) 1,2-Dibromoethane	11.470	107	366037	47.775	ug/l	98
64) Tetrachloroethene	11.106	164	397140	42.914	ug/l	93
65) Chlorobenzene	11.894	112	903742	47.478	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.964	131	328603	50.143	ug/l	97
67) Ethyl Benzene	11.964	91	1725814	48.092	ug/l	99
68) m/p-Xylenes	12.070	106	1250691	94.509	ug/l	100
69) o-Xylene	12.400	106	611206	47.621	ug/l	99
70) Styrene	12.412	104	997124	48.744	ug/l	100
71) Bromoform	12.582	173	199452	59.822	ug/l #	95
73) Isopropylbenzene	12.694	105	1585722	45.555	ug/l	99
74) N-amyl acetate	12.494	43	759174	47.405	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	407305	47.673	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	393367m	51.674	ug/l	
77) Bromobenzene	12.982	156	328691	46.620	ug/l	79
78) n-propylbenzene	13.035	91	1853003	46.651	ug/l	97
79) 2-Chlorotoluene	13.129	91	1067919	46.549	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1270606	47.049	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	158553	48.484	ug/l #	79
82) 4-Chlorotoluene	13.223	91	1045293	47.149	ug/l	98
83) tert-Butylbenzene	13.441	119	1068833	46.217	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1236384	47.516	ug/l	98
85) sec-Butylbenzene	13.617	105	1522145	47.976	ug/l	95
86) p-Isopropyltoluene	13.729	119	1246626	48.860	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	567128	47.303	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	564087	45.536	ug/l	98
89) n-Butylbenzene	14.058	91	1092491	46.778	ug/l	98
90) Hexachloroethane	14.335	117	79955	95.037	ug/l	100
91) 1,2-Dichlorobenzene	14.105	146	542824	46.706	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	88479	50.930	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	314381	45.152	ug/l	97
94) Hexachlorobutadiene	15.505	225	125562	43.602	ug/l	96
95) Naphthalene	15.641	128	1159549	46.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	315112	46.182	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

