

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078851.D
 Acq On : 10 Aug 2023 20:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 10 23:57:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

08/11/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	254279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	122355	51.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.500%	
35) Dibromofluoromethane	8.177	113	102353	53.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.960%	
50) Toluene-d8	10.571	98	383936	55.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.853	95	119558	57.333	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	107633	45.796	ug/l	98
3) Chloromethane	2.371	50	125527	45.787	ug/l	99
4) Vinyl Chloride	2.524	62	119549	46.183	ug/l	100
5) Bromomethane	2.948	94	74081	40.408	ug/l	88
6) Chloroethane	3.118	64	79355	46.623	ug/l	94
7) Trichlorofluoromethane	3.500	101	161188	45.332	ug/l	96
8) Diethyl Ether	3.977	74	58309	44.942	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.383	101	84702	45.734	ug/l	98
10) Methyl Iodide	4.600	142	113403	47.684	ug/l	96
11) Tert butyl alcohol	5.541	59	84167	200.866	ug/l #	91
12) 1,1-Dichloroethene	4.347	96	85597	45.989	ug/l	85
13) Acrolein	4.194	56	74169	209.201	ug/l	93
14) Allyl chloride	5.036	41	158343	51.094	ug/l #	90
15) Acrylonitrile	5.730	53	248314	227.558	ug/l	99
16) Acetone	4.436	43	201330	219.164	ug/l	91
17) Carbon Disulfide	4.718	76	229509	43.227	ug/l	99
18) Methyl Acetate	5.042	43	186295	45.153	ug/l #	79
19) Methyl tert-butyl Ether	5.806	73	295587	47.013	ug/l	96
20) Methylene Chloride	5.289	84	104088	45.751	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	95746	45.969	ug/l	90
22) Diisopropyl ether	6.683	45	359314	48.260	ug/l #	87
23) Vinyl Acetate	6.618	43	1115511	238.753	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	188758	46.623	ug/l	99
25) 2-Butanone	7.494	43	341378	219.455	ug/l #	83
26) 2,2-Dichloropropane	7.506	77	132042	46.703	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	112997	47.253	ug/l	88
28) Bromochloromethane	7.824	49	107876	49.173	ug/l #	69
29) Tetrahydrofuran	7.847	42	236083	226.792	ug/l #	71
30) Chloroform	7.971	83	195213	47.876	ug/l	89
31) Cyclohexane	8.265	56	162146	46.221	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	164548	47.477	ug/l	92
36) 1,1-Dichloropropene	8.377	75	141695	48.169	ug/l	96
37) Ethyl Acetate	7.571	43	149014	47.644	ug/l #	90
38) Carbon Tetrachloride	8.371	117	143782	47.414	ug/l	96
39) Methylcyclohexane	9.612	83	133724	48.669	ug/l	89
40) Benzene	8.612	78	426871	47.977	ug/l	99

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	77310	44.457	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	151212	47.283	ug/l	97
43) Isopropyl Acetate	8.700	43	341730	64.806	ug/l #	78
44) Trichloroethene	9.359	130	99950	45.869	ug/l	100
45) 1,2-Dichloropropane	9.629	63	114673	48.078	ug/l	98
46) Dibromomethane	9.712	93	76158	47.975	ug/l	98
47) Bromodichloromethane	9.894	83	153418	48.555	ug/l #	97
48) Methyl methacrylate	9.688	41	111291	45.677	ug/l #	81
49) 1,4-Dioxane	9.694	88	38778	980.126	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	763827	236.487	ug/l #	85
52) Toluene	10.635	92	270834	49.843	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	158217	49.008	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	173803	49.552	ug/l #	89
55) 1,1,2-Trichloroethane	11.023	97	102201	47.317	ug/l	91
56) Ethyl methacrylate	10.876	69	157784	50.376	ug/l #	76
57) 1,3-Dichloropropane	11.171	76	184320	49.084	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	298791	265.722	ug/l #	87
59) 2-Hexanone	11.200	43	536356	234.520	ug/l	83
60) Dibromochloromethane	11.365	129	112225	49.506	ug/l	99
61) 1,2-Dibromoethane	11.470	107	100238	46.855	ug/l	100
64) Tetrachloroethene	11.112	164	80986	41.335	ug/l	99
65) Chlorobenzene	11.894	112	273210	47.180	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	103639	46.209	ug/l	98
67) Ethyl Benzene	11.970	91	489175	47.425	ug/l	98
68) m/p-Xylenes	12.076	106	375804	98.756	ug/l	100
69) o-Xylene	12.406	106	185907	49.768	ug/l	100
70) Styrene	12.418	104	301097	51.359	ug/l	99
71) Bromoform	12.582	173	71828	45.916	ug/l #	99
73) Isopropylbenzene	12.700	105	457419	42.840	ug/l	100
74) N-amyl acetate	12.500	43	203140	41.941	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.947	83	146788	40.453	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	133840m	45.630	ug/l	
77) Bromobenzene	12.982	156	103657	41.375	ug/l	98
78) n-propylbenzene	13.041	91	514274	43.823	ug/l	98
79) 2-Chlorotoluene	13.129	91	311206	41.277	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	370639	43.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45178	41.331	ug/l #	85
82) 4-Chlorotoluene	13.223	91	301998	43.785	ug/l	99
83) tert-Butylbenzene	13.441	119	303950	42.666	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	363019	44.161	ug/l	98
85) sec-Butylbenzene	13.617	105	407996	43.800	ug/l	99
86) p-Isopropyltoluene	13.735	119	322809	43.583	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	178354	44.574	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	168214	42.410	ug/l	99
89) n-Butylbenzene	14.059	91	246886	44.425	ug/l	99
90) Hexachloroethane	14.341	117	65166	42.450	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	170218	44.160	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20205	36.301	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	44224	40.833	ug/l	95
94) Hexachlorobutadiene	15.506	225	30509	45.456	ug/l	99
95) Naphthalene	15.647	128	134559	37.221	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	50969	39.521	ug/l	95

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

