

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077866.D
 Acq On : 24 May 2023 23:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 01:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	400819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	636246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	271907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283182	47.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.440%		
35) Dibromofluoromethane	8.177	113	247184	52.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.860%		
50) Toluene-d8	10.577	98	920974	51.239	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.853	95	316289	49.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	203990	44.719	ug/l	95
3) Chloromethane	2.371	50	232510	48.003	ug/l	97
4) Vinyl Chloride	2.518	62	298416	51.888	ug/l	94
5) Bromomethane	2.954	94	219399	51.581	ug/l	99
6) Chloroethane	3.124	64	204783	49.408	ug/l	97
7) Trichlorofluoromethane	3.506	101	411606	51.355	ug/l	93
8) Diethyl Ether	3.971	74	146230	49.976	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	226626	51.093	ug/l	98
10) Methyl Iodide	4.600	142	322711	61.006	ug/l	97
11) Tert butyl alcohol	5.536	59	199767	241.357	ug/l	99
12) 1,1-Dichloroethene	4.348	96	225283	53.439	ug/l	90
13) Acrolein	4.189	56	119857	230.534	ug/l	96
14) Allyl chloride	5.036	41	289354	46.722	ug/l	94
15) Acrylonitrile	5.724	53	544140	246.078	ug/l	100
16) Acetone	4.436	43	429214	227.480	ug/l	98
17) Carbon Disulfide	4.718	76	548746	48.309	ug/l	99
18) Methyl Acetate	5.036	43	390138	49.288	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	776372	50.879	ug/l	96
20) Methylene Chloride	5.289	84	271700	55.544	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	249122	52.607	ug/l #	80
22) Diisopropyl ether	6.683	45	730757	50.341	ug/l	96
23) Vinyl Acetate	6.612	43	2199969	244.606	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	468971	52.733	ug/l	99
25) 2-Butanone	7.489	43	693786	235.057	ug/l	89
26) 2,2-Dichloropropane	7.494	77	322452	42.678	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	301038	53.018	ug/l	96
28) Bromochloromethane	7.818	49	186822	48.574	ug/l	91
29) Tetrahydrofuran	7.841	42	454876	235.363	ug/l	86
30) Chloroform	7.977	83	505903	51.713	ug/l	93
31) Cyclohexane	8.265	56	393032	48.218	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	452176	54.365	ug/l	97
36) 1,1-Dichloropropene	8.377	75	368893	54.009	ug/l	98
37) Ethyl Acetate	7.565	43	294902	48.441	ug/l #	94
38) Carbon Tetrachloride	8.371	117	401978	58.282	ug/l	99
39) Methylcyclohexane	9.606	83	444316	53.136	ug/l	90
40) Benzene	8.612	78	1114062	55.273	ug/l	98

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41) Methacrylonitrile	7.789	41	152813	47.134	ug/l	93
42) 1,2-Dichloroethane	8.677	62	386222	52.750	ug/l	97
43) Isopropyl Acetate	8.694	43	493350	49.614	ug/l	97
44) Trichloroethene	9.359	130	303161	59.401	ug/l	96
45) 1,2-Dichloropropane	9.630	63	283678	55.178	ug/l	98
46) Dibromomethane	9.718	93	197631	53.721	ug/l	93
47) Bromodichloromethane	9.894	83	395793	56.195	ug/l	96
48) Methyl methacrylate	9.688	41	236370	50.136	ug/l	90
49) 1,4-Dioxane	9.700	88	96638	1085.268	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1508874	255.277	ug/l	94
52) Toluene	10.635	92	718822	57.286	ug/l	99
53) t-1,3-Dichloropropene	10.847	75	398329	53.406	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	437537	53.233	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	272270	54.648	ug/l	95
56) Ethyl methacrylate	10.882	69	401710	53.325	ug/l	92
57) 1,3-Dichloropropane	11.171	76	460747	53.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	822079	221.822	ug/l	94
59) 2-Hexanone	11.200	43	1066236	243.882	ug/l	93
60) Dibromochloromethane	11.365	129	297878	57.914	ug/l	98
61) 1,2-Dibromoethane	11.477	107	278328	55.997	ug/l	100
64) Tetrachloroethene	11.112	164	287720	64.665	ug/l	97
65) Chlorobenzene	11.900	112	764733	55.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	284849	59.685	ug/l	98
67) Ethyl Benzene	11.971	91	1372107	55.511	ug/l	99
68) m/p-Xylenes	12.076	106	1064243	113.631	ug/l	100
69) o-Xylene	12.406	106	527680	57.289	ug/l	99
70) Styrene	12.418	104	840130	57.417	ug/l	98
71) Bromoform	12.588	173	193367	60.905	ug/l #	100
73) Isopropylbenzene	12.700	105	1354771	57.801	ug/l	99
74) N-amyl acetate	12.500	43	410788	47.416	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	363771	50.450	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	277148m	40.700	ug/l	
77) Bromobenzene	12.988	156	300334	56.150	ug/l	95
78) n-propylbenzene	13.041	91	1543143	55.845	ug/l	99
79) 2-Chlorotoluene	13.135	91	921927	55.912	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1153084	58.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	103226	48.456	ug/l	90
82) 4-Chlorotoluene	13.229	91	879212	53.592	ug/l	98
83) tert-Butylbenzene	13.447	119	987220	57.406	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1128401	58.244	ug/l	97
85) sec-Butylbenzene	13.623	105	1396238	57.129	ug/l	100
86) p-Isopropyltoluene	13.735	119	1142645	58.644	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	545539	55.151	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	518346	52.807	ug/l	100
89) n-Butylbenzene	14.065	91	929523	51.866	ug/l	99
90) Hexachloroethane	14.341	117	192199	60.046	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	532561	57.630	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	66025	47.296	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	242003	44.814	ug/l	99
94) Hexachlorobutadiene	15.506	225	112925	50.365	ug/l	99
95) Naphthalene	15.647	128	756822	40.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	254410	48.117	ug/l	99

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

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