

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074823.D
 Acq On : 07 Oct 2022 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 03:57:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	261324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	532986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	331693	53.569	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.140%			
35) Dibromofluoromethane	8.177	113	262662	53.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.571	98	1120297	53.549	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.853	95	351996	55.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	252307	47.079	ug/l	95
3) Chloromethane	2.377	50	362250	45.452	ug/l	96
4) Vinyl Chloride	2.530	62	558250	56.572	ug/l	94
5) Bromomethane	2.936	94	432071	62.093	ug/l	97
6) Chloroethane	3.112	64	427153	58.504	ug/l	100
7) Trichlorofluoromethane	3.506	101	378574	48.677	ug/l	97
8) Diethyl Ether	3.983	74	180041	44.376	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	226420	47.522	ug/l	99
10) Methyl Iodide	4.612	142	285541	49.561	ug/l	99
11) Tert butyl alcohol	5.565	59	459191	221.426	ug/l	100
12) 1,1-Dichloroethene	4.359	96	226801	44.719	ug/l	90
13) Acrolein	4.200	56	139431	292.531	ug/l	97
14) Allyl chloride	5.042	41	491286	47.132	ug/l	98
15) Acrylonitrile	5.742	53	1120580	247.745	ug/l	99
16) Acetone	4.453	43	865555	246.672	ug/l	96
17) Carbon Disulfide	4.730	76	602652	43.482	ug/l	98
18) Methyl Acetate	5.053	43	641966	49.415	ug/l	97
19) Methyl tert-butyl Ether	5.824	73	954725	48.386	ug/l	98
20) Methylene Chloride	5.294	84	295608	53.086	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	245923	45.330	ug/l	96
22) Diisopropyl ether	6.694	45	1099311	49.655	ug/l	98
23) Vinyl Acetate	6.624	43	4224164	232.282	ug/l	99
24) 1,1-Dichloroethane	6.583	63	553777	48.517	ug/l	98
25) 2-Butanone	7.500	43	1606824	252.319	ug/l	98
26) 2,2-Dichloropropane	7.500	77	396939	42.163	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	313297	48.511	ug/l	98
28) Bromochloromethane	7.824	49	271175	52.655	ug/l	99
29) Tetrahydrofuran	7.853	42	1108873	249.838	ug/l	99
30) Chloroform	7.977	83	541415	51.787	ug/l	92
31) Cyclohexane	8.265	56	499690	46.692	ug/l	96
32) 1,1,1-Trichloroethane	8.183	97	457113	51.296	ug/l	100
36) 1,1-Dichloropropene	8.383	75	387028	49.043	ug/l	100
37) Ethyl Acetate	7.500	43	1606824	50.762	ug/l #	54
38) Carbon Tetrachloride	8.371	117	378237	50.824	ug/l	98
39) Methylcyclohexane	9.606	83	497521	48.666	ug/l	95
40) Benzene	8.618	78	1278095	50.027	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	337395	54.105	ug/l	92
42) 1,2-Dichloroethane	8.682	62	423916	52.862	ug/l	99
43) Isopropyl Acetate	8.700	43	985112	50.360	ug/l	99
44) Trichloroethene	9.353	130	267187	50.215	ug/l	95
45) 1,2-Dichloropropane	9.629	63	355439	51.382	ug/l	99
46) Dibromomethane	9.712	93	214487	52.840	ug/l	93
47) Bromodichloromethane	9.888	83	433073	52.220	ug/l	98
48) Methyl methacrylate	9.606	41	434577	54.112	ug/l #	97
49) 1,4-Dioxane	9.700	88	167257	960.907	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	3324278	263.899	ug/l	99
52) Toluene	10.635	92	803728	52.369	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	497518	50.349	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	526566	49.359	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	323268	52.384	ug/l	97
56) Ethyl methacrylate	10.876	69	565574	50.321	ug/l	94
57) 1,3-Dichloropropane	11.165	76	570887	51.328	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1029978	254.073	ug/l	100
59) 2-Hexanone	11.200	43	2585976	271.405	ug/l	96
60) Dibromochloromethane	11.365	129	324206	53.331	ug/l	99
61) 1,2-Dibromoethane	11.476	107	329052	52.438	ug/l	99
64) Tetrachloroethene	11.106	164	210335	48.613	ug/l	98
65) Chlorobenzene	11.894	112	800420	49.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	297045	49.823	ug/l	98
67) Ethyl Benzene	11.965	91	1552992	51.027	ug/l	99
68) m/p-Xylenes	12.076	106	1180266	103.307	ug/l	99
69) o-Xylene	12.406	106	589725	50.312	ug/l	98
70) Styrene	12.418	104	986558	53.390	ug/l	100
71) Bromoform	12.582	173	239912	52.753	ug/l	99
73) Isopropylbenzene	12.700	105	1559742	45.904	ug/l	99
74) N-amyl acetate	12.500	43	873343	42.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	573100	52.160	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	449042m	42.608	ug/l	
77) Bromobenzene	12.982	156	322506	53.015	ug/l	96
78) n-propylbenzene	13.041	91	1801547	46.022	ug/l	98
79) 2-Chlorotoluene	13.129	91	1058294	44.584	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1281752	47.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	213934	39.550	ug/l	96
82) 4-Chlorotoluene	13.223	91	1042094	47.367	ug/l	99
83) tert-Butylbenzene	13.441	119	1154195	49.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1296315	47.309	ug/l	98
85) sec-Butylbenzene	13.617	105	1653236	48.582	ug/l	100
86) p-Isopropyltoluene	13.735	119	1335831	50.868	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	629613	46.723	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	633844	49.798	ug/l	99
89) n-Butylbenzene	14.059	91	1155347	49.915	ug/l	98
90) Hexachloroethane	14.335	117	259256	44.154	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	630220	48.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	121885	43.278	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	280241	49.368	ug/l	99
94) Hexachlorobutadiene	15.506	225	123554	46.528	ug/l	91
95) Naphthalene	15.647	128	1183488	48.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	286238	51.039	ug/l	99

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

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