

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073865.D
 Acq On : 12 Aug 2022 20:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 05:05:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2022
 Supervised By : Mahesh Dadoda 08/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	610162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	923392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	832108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	430289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	293131	39.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.840%		
35) Dibromofluoromethane	7.951	113	274263	47.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.600%		
50) Toluene-d8	10.381	98	984688	43.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.320%		
62) 4-Bromofluorobenzene	12.674	95	366798	46.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	291524	49.259	ug/l	96
3) Chloromethane	2.263	50	337612	47.331	ug/l	100
4) Vinyl Chloride	2.405	62	391516	37.826	ug/l	99
5) Bromomethane	2.775	94	318934	53.130	ug/l	97
6) Chloroethane	2.946	64	246030	40.343	ug/l	100
7) Trichlorofluoromethane	3.299	101	525901	49.301	ug/l	99
8) Diethyl Ether	3.757	74	201567	50.324	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.128	101	272395	46.155	ug/l	92
10) Methyl Iodide	4.340	142	448183	74.699	ug/l	99
11) Tert butyl alcohol	5.293	59	435123	271.335	ug/l	100
12) 1,1-Dichloroethene	4.104	96	287075	49.589	ug/l	91
13) Acrolein	3.975	56	327456	205.968	ug/l	99
14) Allyl chloride	4.757	41	417846	45.146	ug/l	94
15) Acrylonitrile	5.475	53	1037198	233.816	ug/l	99
16) Acetone	4.222	43	836385	209.419	ug/l	93
17) Carbon Disulfide	4.451	76	701070	45.673	ug/l	100
18) Methyl Acetate	4.775	43	530029	53.343	ug/l	96
19) Methyl tert-butyl Ether	5.534	73	1054762	53.333	ug/l	95
20) Methylene Chloride	5.010	84	343093	53.245	ug/l	94
21) trans-1,2-Dichloroethene	5.510	96	304522	48.594	ug/l	95
22) Diisopropyl ether	6.410	45	906069	45.376	ug/l	95
23) Vinyl Acetate	6.351	43	4039539	241.291	ug/l	97
24) 1,1-Dichloroethane	6.304	63	554148	45.110	ug/l	98
25) 2-Butanone	7.257	43	1348028	217.342	ug/l	97
26) 2,2-Dichloropropane	7.245	77	358607	37.943	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	370985	48.049	ug/l	90
28) Bromochloromethane	7.587	49	215124	41.707	ug/l	84
29) Tetrahydrofuran	7.610	42	876713	223.570	ug/l	94
30) Chloroform	7.745	83	584006	45.629	ug/l	99
31) Cyclohexane	8.022	56	450398	40.685	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	522042	49.123	ug/l	95
36) 1,1-Dichloropropene	8.151	75	416468	50.395	ug/l	98
37) Ethyl Acetate	7.334	43	517916	47.588	ug/l	97
38) Carbon Tetrachloride	8.134	117	458545	54.632	ug/l	98
39) Methylcyclohexane	9.392	83	505465	51.185	ug/l	95
40) Benzene	8.392	78	1341029	49.972	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	218783	44.425	ug/l	93
42) 1,2-Dichloroethane	8.463	62	430510	47.601	ug/l	97
43) Isopropyl Acetate	8.492	43	971934	66.118	ug/l	93
44) Trichloroethene	9.151	130	375581	55.190	ug/l	94
45) 1,2-Dichloropropane	9.428	63	330745	49.309	ug/l	100
46) Dibromomethane	9.516	93	241159	51.802	ug/l	92
47) Bromodichloromethane	9.698	83	460169	51.501	ug/l	98
48) Methyl methacrylate	9.498	41	338859	52.662	ug/l	89
49) 1,4-Dioxane	9.504	88	188421	1038.798	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2567545	243.520	ug/l	96
52) Toluene	10.445	92	1570011	95.782	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	509468	57.717	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	536428	53.929	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	357153	52.251	ug/l	99
56) Ethyl methacrylate	10.704	69	587241	62.334	ug/l	91
57) 1,3-Dichloropropane	10.986	76	590095	50.883	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	1420621	283.571	ug/l	96
59) 2-Hexanone	11.028	43	2022924	253.241	ug/l	96
60) Dibromochloromethane	11.180	129	403021	59.267	ug/l	100
61) 1,2-Dibromoethane	11.286	107	391360	55.592	ug/l	99
64) Tetrachloroethene	10.916	164	336196	50.839	ug/l	98
65) Chlorobenzene	11.710	112	960764	54.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	378420	59.692	ug/l	98
67) Ethyl Benzene	11.786	91	1705055	57.182	ug/l	97
68) m/p-Xylenes	11.892	106	1448229	127.344	ug/l	96
69) o-Xylene	12.222	106	712417	64.254	ug/l	96
70) Styrene	12.233	104	1095132	61.702	ug/l	98
71) Bromoform	12.398	173	335171	64.054	ug/l	100
73) Isopropylbenzene	12.522	105	1671861	53.078	ug/l	98
74) N-amyl acetate	12.327	43	663549	55.756	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.769	83	566115	46.576	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	423134m	53.933	ug/l	
77) Bromobenzene	12.798	156	445867	54.356	ug/l	93
78) n-propylbenzene	12.863	91	1849088	52.173	ug/l	98
79) 2-Chlorotoluene	12.945	91	1131261	51.142	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1417035	54.667	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	190501	57.375	ug/l	88
82) 4-Chlorotoluene	13.045	91	1096734	52.313	ug/l	96
83) tert-Butylbenzene	13.263	119	1267167	55.191	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1477064	57.951	ug/l	99
85) sec-Butylbenzene	13.439	105	1703528	53.683	ug/l	97
86) p-Isopropyltoluene	13.557	119	1477047	59.045	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	783368	52.320	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	782553	52.237	ug/l	98
89) n-Butylbenzene	13.880	91	1165017	57.237	ug/l	98
90) Hexachloroethane	14.151	117	257391	51.859	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	792454	52.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	141766	58.050	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	513288	68.125	ug/l	99
94) Hexachlorobutadiene	15.304	225	249444	60.898	ug/l	98
95) Naphthalene	15.433	128	1845224	75.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	531171	66.984	ug/l	99

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

