

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071200.D
 Acq On : 08 Mar 2022 19:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 09 04:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	705721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1184770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1071041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	437790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	485334	50.178	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.360%	
35) Dibromofluoromethane	8.022	113	371269	49.659	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.320%	
50) Toluene-d8	10.439	98	1462959	48.600	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.727	95	497930	48.849	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	315135	40.744	ug/l	96
3) Chloromethane	2.299	50	442317	42.592	ug/l	99
4) Vinyl Chloride	2.446	62	414536	43.733	ug/l	100
5) Bromomethane	2.840	94	218799	51.923	ug/l	100
6) Chloroethane	3.010	64	245847	42.829	ug/l	98
7) Trichlorofluoromethane	3.375	101	530697	42.538	ug/l	99
8) Diethyl Ether	3.822	74	235164	44.048	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	297035	41.127	ug/l	95
10) Methyl Iodide	4.422	142	448755	43.992	ug/l	99
11) Tert butyl alcohol	5.357	59	397825	209.375	ug/l	99
12) 1,1-Dichloroethene	4.181	96	307904	43.520	ug/l	94
13) Acrolein	4.040	56	413938	205.825	ug/l	98
14) Allyl chloride	4.846	41	658130	42.769	ug/l	86
15) Acrylonitrile	5.551	53	1210374	214.534	ug/l	99
16) Acetone	4.281	43	994601	211.340	ug/l	97
17) Carbon Disulfide	4.534	76	818367	40.629	ug/l	98
18) Methyl Acetate	4.851	43	550888	43.646	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1199250	45.146	ug/l	96
20) Methylene Chloride	5.098	84	377390	43.923	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	328982	42.511	ug/l	92
22) Diisopropyl ether	6.493	45	1353400	44.643	ug/l	93
23) Vinyl Acetate	6.428	43	5880648	229.130	ug/l	97
24) 1,1-Dichloroethane	6.387	63	698129	43.580	ug/l	100
25) 2-Butanone	7.328	43	1643703	216.816	ug/l	95
26) 2,2-Dichloropropane	7.322	77	499128	40.387	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	398472	43.384	ug/l	90
28) Bromochloromethane	7.651	49	271418	38.047	ug/l	83
29) Tetrahydrofuran	7.681	42	1126275	214.447	ug/l	92
30) Chloroform	7.816	83	663337	43.415	ug/l	97
31) Cyclohexane	8.092	56	647852	41.944	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	574242	44.122	ug/l	97
36) 1,1-Dichloropropene	8.216	75	502670	41.964	ug/l	97
37) Ethyl Acetate	7.410	43	670742	40.687	ug/l	98
38) Carbon Tetrachloride	8.204	117	490512	42.335	ug/l	99
39) Methylcyclohexane	9.457	83	601671	42.696	ug/l	95
40) Benzene	8.457	78	1540857	42.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	361655	44.827	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	551362	43.901	ug/l	100
43) Isopropyl Acetate	8.557	43	1060097	43.001	ug/l	97
44) Trichloroethene	9.210	130	367411	43.146	ug/l	96
45) 1,2-Dichloropropane	9.486	63	414155	42.748	ug/l	100
46) Dibromomethane	9.575	93	254949	42.755	ug/l	96
47) Bromodichloromethane	9.757	83	517060	42.907	ug/l	99
48) Methyl methacrylate	9.557	41	460487	40.307	ug/l	90
49) 1,4-Dioxane	9.563	88	166118	836.515	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	3291539	215.138	ug/l	99
52) Toluene	10.498	92	960220	43.207	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	577305	43.459	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	633853	43.669	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	375565	42.173	ug/l	99
56) Ethyl methacrylate	10.757	69	652429	44.862	ug/l	92
57) 1,3-Dichloropropane	11.039	76	685207	42.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	592894	200.282	ug/l	95
59) 2-Hexanone	11.080	43	2321318	222.368	ug/l	99
60) Dibromochloromethane	11.233	129	391318	44.225	ug/l	100
61) 1,2-Dibromoethane	11.339	107	388583	42.694	ug/l	99
64) Tetrachloroethene	10.975	164	306246	40.998	ug/l	96
65) Chlorobenzene	11.763	112	1004783	43.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	372034	44.111	ug/l	99
67) Ethyl Benzene	11.839	91	1837016	45.170	ug/l	99
68) m/p-Xylenes	11.945	106	1395393	93.790	ug/l	98
69) o-Xylene	12.275	106	691993	46.400	ug/l	97
70) Styrene	12.292	104	1103267	47.791	ug/l	97
71) Bromoform	12.451	173	296224	46.249	ug/l #	100
73) Isopropylbenzene	12.574	105	1765128	41.825	ug/l	100
74) N-amyl acetate	12.380	43	699679	44.094	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	586138	46.561	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	519512m	48.899	ug/l	
77) Bromobenzene	12.857	156	409930	41.655	ug/l	82
78) n-propylbenzene	12.916	91	1936727	42.767	ug/l	98
79) 2-Chlorotoluene	13.004	91	1201886	41.344	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1421343	43.290	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	172251	42.532	ug/l	90
82) 4-Chlorotoluene	13.098	91	1131162	43.685	ug/l	94
83) tert-Butylbenzene	13.322	119	1287667	43.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1398307	44.462	ug/l	100
85) sec-Butylbenzene	13.498	105	1725067	44.293	ug/l	99
86) p-Isopropyltoluene	13.610	119	1392619	45.467	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	682093	42.658	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	657696	42.079	ug/l	98
89) n-Butylbenzene	13.939	91	1066589	44.523	ug/l	95
90) Hexachloroethane	14.204	117	257584	42.290	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	659223	42.883	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	104260	42.460	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	302913	42.685	ug/l	99
94) Hexachlorobutadiene	15.363	225	179224	41.529	ug/l	100
95) Naphthalene	15.498	128	876075	44.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	292042	42.900	ug/l	98

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

