

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072946.D
 Acq On : 20 Jun 2022 08:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:52:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	346165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	577302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	510615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	240928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	232208	49.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	7.945	113	185228	51.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.820%		
50) Toluene-d8	10.375	98	684309	51.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.080%		
62) 4-Bromofluorobenzene	12.663	95	257681	53.971	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	164546	49.924	ug/l	96
3) Chloromethane	2.269	50	155122	43.854	ug/l	96
4) Vinyl Chloride	2.410	62	140055	47.384	ug/l	96
5) Bromomethane	2.799	94	65030	55.889	ug/l	98
6) Chloroethane	2.963	64	82650	44.695	ug/l	100
7) Trichlorofluoromethane	3.322	101	275010	57.134	ug/l	97
8) Diethyl Ether	3.763	74	114888	46.248	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.146	101	163972	49.282	ug/l	99
10) Methyl Iodide	4.351	142	190804	50.031	ug/l	97
11) Tert butyl alcohol	5.281	59	224781	185.935	ug/l	100
12) 1,1-Dichloroethene	4.116	96	153953	46.452	ug/l	96
13) Acrolein	3.981	56	83571	175.523	ug/l	98
14) Allyl chloride	4.763	41	317486	44.837	ug/l	96
15) Acrylonitrile	5.469	53	592567	212.632	ug/l	99
16) Acetone	4.216	43	520771	202.430	ug/l	98
17) Carbon Disulfide	4.457	76	348106	40.994	ug/l	100
18) Methyl Acetate	4.775	43	279846	40.849	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	608519	48.888	ug/l	100
20) Methylene Chloride	5.016	84	183932	46.075	ug/l	93
21) trans-1,2-Dichloroethene	5.516	96	161411	44.773	ug/l	97
22) Diisopropyl ether	6.410	45	634376	48.057	ug/l	96
23) Vinyl Acetate	6.345	43	2934748	240.839	ug/l	95
24) 1,1-Dichloroethane	6.304	63	325858	47.085	ug/l	99
25) 2-Butanone	7.257	43	841915	206.234	ug/l	90
26) 2,2-Dichloropropane	7.245	77	305666	53.245	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	203468	47.240	ug/l	97
28) Bromochloromethane	7.581	49	142210	49.686	ug/l	89
29) Tetrahydrofuran	7.604	42	564340	209.341	ug/l	89
30) Chloroform	7.739	83	340712	48.631	ug/l	99
31) Cyclohexane	8.016	56	278280	43.957	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	302281	49.166	ug/l	99
36) 1,1-Dichloropropene	8.145	75	238504	49.397	ug/l	100
37) Ethyl Acetate	7.334	43	344089	44.555	ug/l	97
38) Carbon Tetrachloride	8.134	117	257859	50.773	ug/l	99
39) Methylcyclohexane	9.386	83	294563	50.615	ug/l	97
40) Benzene	8.386	78	729024	48.044	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	167292	45.680	ug/l	89
42) 1,2-Dichloroethane	8.457	62	270012	50.099	ug/l	98
43) Isopropyl Acetate	8.486	43	538507	48.780	ug/l	95
44) Trichloroethene	9.145	130	189903	49.385	ug/l	95
45) 1,2-Dichloropropane	9.422	63	191270	49.313	ug/l	99
46) Dibromomethane	9.510	93	128943	49.166	ug/l	96
47) Bromodichloromethane	9.692	83	269489	51.704	ug/l	100
48) Methyl methacrylate	9.492	41	234497	46.525	ug/l	92
49) 1,4-Dioxane	9.498	88	84919	748.794	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	1657527	230.248	ug/l	92
52) Toluene	10.439	92	468436	50.283	ug/l	97
53) t-1,3-Dichloropropene	10.651	75	307427	54.845	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	322368	52.651	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	194188	47.473	ug/l	99
56) Ethyl methacrylate	10.692	69	329691	50.286	ug/l	88
57) 1,3-Dichloropropane	10.980	76	330370	48.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	734483	253.743	ug/l	97
59) 2-Hexanone	11.022	43	1256843	225.729	ug/l	90
60) Dibromochloromethane	11.169	129	208923	54.043	ug/l	100
61) 1,2-Dibromoethane	11.280	107	204798	50.786	ug/l	100
64) Tetrachloroethene	10.910	164	153041	49.268	ug/l	97
65) Chlorobenzene	11.704	112	496846	49.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	196174	51.686	ug/l	98
67) Ethyl Benzene	11.780	91	910455	51.865	ug/l	99
68) m/p-Xylenes	11.886	106	693499	100.724	ug/l	96
69) o-Xylene	12.210	106	344566	50.083	ug/l	96
70) Styrene	12.227	104	576209	52.153	ug/l	99
71) Bromoform	12.392	173	157989	55.206	ug/l #	98
73) Isopropylbenzene	12.510	105	921387	49.434	ug/l	99
74) N-amyl acetate	12.321	43	449056	46.427	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	302284	45.033	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	263004m	45.025	ug/l	
77) Bromobenzene	12.792	156	213132	47.731	ug/l	90
78) n-propylbenzene	12.851	91	1056796	51.547	ug/l	99
79) 2-Chlorotoluene	12.939	91	644534	48.549	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	767695	50.143	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	105631	48.837	ug/l	97
82) 4-Chlorotoluene	13.039	91	624416	49.711	ug/l	99
83) tert-Butylbenzene	13.257	119	677925	48.348	ug/l	96
84) 1,2,4-Trimethylbenzene	13.298	105	765747	50.215	ug/l	97
85) sec-Butylbenzene	13.433	105	950093	50.794	ug/l	100
86) p-Isopropyltoluene	13.551	119	787783	52.020	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	394296	49.461	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	398557	49.396	ug/l	99
89) n-Butylbenzene	13.874	91	673409	54.458	ug/l	99
90) Hexachloroethane	14.139	117	149088	52.221	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	402444	48.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	73894	43.643	ug/l	95
93) 1,2,4-Trichlorobenzene	15.186	180	234950	51.065	ug/l	98
94) Hexachlorobutadiene	15.292	225	101792	50.841	ug/l	97
95) Naphthalene	15.427	128	823329	44.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.615	180	228588	46.526	ug/l	98

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

