

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073173.D
 Acq On : 27 Jun 2022 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 06:39:34 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	8.016	168	266964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	414658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192508	53.337	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	7.951	113	151717	53.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.380	98	569454	53.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.669	95	216735	56.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	121455	47.783	ug/l	99
3) Chloromethane	2.269	50	124353	45.563	ug/l	98
4) Vinyl Chloride	2.405	62	109639	48.098	ug/l	94
5) Bromomethane	2.781	94	38335	42.721	ug/l	95
6) Chloroethane	2.952	64	70362	49.338	ug/l	100
7) Trichlorofluoromethane	3.310	101	219372	59.096	ug/l	98
8) Diethyl Ether	3.763	74	101027	52.734	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.146	101	131142	51.108	ug/l	97
10) Methyl Iodide	4.346	142	135136	45.947	ug/l	95
11) Tert butyl alcohol	5.293	59	239338	256.711	ug/l	100
12) 1,1-Dichloroethene	4.110	96	125912	49.262	ug/l	95
13) Acrolein	3.981	56	76212	207.555	ug/l	99
14) Allyl chloride	4.763	41	270363	49.509	ug/l #	95
15) Acrylonitrile	5.475	53	593550	276.172	ug/l	99
16) Acetone	4.222	43	535607	269.963	ug/l	97
17) Carbon Disulfide	4.457	76	250623	38.270	ug/l	100
18) Methyl Acetate	4.775	43	312010	59.056	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	542537	56.519	ug/l	98
20) Methylene Chloride	5.016	84	159169	51.731	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	130913	47.086	ug/l	95
22) Diisopropyl ether	6.416	45	576836	56.662	ug/l	96
23) Vinyl Acetate	6.351	43	2512323	267.339	ug/l	94
24) 1,1-Dichloroethane	6.304	63	291541	54.624	ug/l	99
25) 2-Butanone	7.263	43	858907	272.816	ug/l	91
26) 2,2-Dichloropropane	7.251	77	184399	41.523	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	172646	51.975	ug/l	100
28) Bromochloromethane	7.587	49	120400	54.546	ug/l	86
29) Tetrahydrofuran	7.610	42	569044	273.709	ug/l	88
30) Chloroform	7.745	83	296461	54.868	ug/l	99
31) Cyclohexane	8.022	56	225854	46.260	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	255923	53.975	ug/l	100
36) 1,1-Dichloropropene	8.151	75	194111	50.168	ug/l	98
37) Ethyl Acetate	7.340	43	335975	54.287	ug/l	95
38) Carbon Tetrachloride	8.134	117	206116	50.644	ug/l	95
39) Methylcyclohexane	9.392	83	221624	47.521	ug/l	95
40) Benzene	8.392	78	627047	51.566	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	168441	57.394	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	234939	54.396	ug/l	99
43) Isopropyl Acetate	8.492	43	501476	56.685	ug/l	94
44) Trichloroethene	9.151	130	160720	52.155	ug/l	94
45) 1,2-Dichloropropane	9.428	63	167945	54.032	ug/l	99
46) Dibromomethane	9.516	93	112319	53.442	ug/l	94
47) Bromodichloromethane	9.698	83	234378	56.114	ug/l	97
48) Methyl methacrylate	9.492	41	221023	54.721	ug/l	91
49) 1,4-Dioxane	9.504	88	91348	1005.130	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1666647	288.898	ug/l	91
52) Toluene	10.439	92	391995	52.507	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	247964	55.202	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	259094	52.805	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	173515	52.933	ug/l	97
56) Ethyl methacrylate	10.698	69	299395	56.983	ug/l	88
57) 1,3-Dichloropropane	10.980	76	293530	53.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	713502	307.591	ug/l	96
59) 2-Hexanone	11.022	43	1284840	287.953	ug/l	90
60) Dibromochloromethane	11.175	129	179431	57.918	ug/l	98
61) 1,2-Dibromoethane	11.286	107	176333	54.566	ug/l	99
64) Tetrachloroethene	10.910	164	146623	58.125	ug/l	96
65) Chlorobenzene	11.710	112	427779	52.825	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	164806	53.470	ug/l	99
67) Ethyl Benzene	11.780	91	775373	54.391	ug/l	98
68) m/p-Xylenes	11.892	106	582832	104.240	ug/l	96
69) o-Xylene	12.216	106	299842	53.668	ug/l	96
70) Styrene	12.233	104	493414	54.994	ug/l	99
71) Bromoform	12.398	173	134886	58.041	ug/l #	99
73) Isopropylbenzene	12.516	105	789768	51.852	ug/l	99
74) N-amyl acetate	12.327	43	415192	52.529	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	272564	49.690	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	234597m	49.147	ug/l	
77) Bromobenzene	12.798	156	181727	49.804	ug/l	87
78) n-propylbenzene	12.857	91	895634	53.460	ug/l	97
79) 2-Chlorotoluene	12.945	91	554775	51.137	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	647528	51.756	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	87164	49.315	ug/l	94
82) 4-Chlorotoluene	13.039	91	530634	51.697	ug/l	98
83) tert-Butylbenzene	13.263	119	590982	51.577	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	648349	52.029	ug/l	99
85) sec-Butylbenzene	13.439	105	815459	53.350	ug/l	99
86) p-Isopropyltoluene	13.551	119	653251	52.787	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	335335	51.476	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	330685	50.154	ug/l	98
89) n-Butylbenzene	13.880	91	550123	54.441	ug/l	99
90) Hexachloroethane	14.145	117	125789	53.917	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	347088	51.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	71911	51.989	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	193841	51.556	ug/l	98
94) Hexachlorobutadiene	15.298	225	80272	49.063	ug/l	99
95) Naphthalene	15.433	128	783685	51.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	201745	50.250	ug/l	98

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

