

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074257.D
 Acq On : 01 Sep 2022 21:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 05:42:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	200715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	397851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	363956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	162390	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	173163	55.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.240%	
35) Dibromofluoromethane	7.951	113	131737	50.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.780%	
50) Toluene-d8	10.380	98	533714	52.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.669	95	167816	54.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.260%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	123481	59.456	ug/l	93
3) Chloromethane	2.269	50	213890	73.118	ug/l	99
4) Vinyl Chloride	2.404	62	192002	66.053	ug/l	97
5) Bromomethane	2.781	94	92814	58.402	ug/l	97
6) Chloroethane	2.952	64	119649	63.022	ug/l	99
7) Trichlorofluoromethane	3.304	101	192811	43.390	ug/l	97
8) Diethyl Ether	3.763	74	97827	51.767	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	108314	42.681	ug/l	91
10) Methyl Iodide	4.340	142	90419	44.144	ug/l	94
11) Tert butyl alcohol	5.293	59	208913	300.150	ug/l	99
12) 1,1-Dichloroethene	4.110	96	120106	51.038	ug/l	93
13) Acrolein	3.981	56	225342	327.399	ug/l	99
14) Allyl chloride	4.763	41	284435	54.201	ug/l #	91
15) Acrylonitrile	5.469	53	616980	274.292	ug/l	99
16) Acetone	4.222	43	519193	249.548	ug/l	98
17) Carbon Disulfide	4.451	76	325904	48.661	ug/l	97
18) Methyl Acetate	4.781	43	313356	59.876	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	474571	54.519	ug/l	93
20) Methylene Chloride	5.016	84	153583	55.245	ug/l #	83
21) trans-1,2-Dichloroethene	5.516	96	132186	48.668	ug/l	93
22) Diisopropyl ether	6.404	45	624559	58.415	ug/l #	92
23) Vinyl Acetate	6.351	43	2734270	302.892	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	280746	53.226	ug/l	99
25) 2-Butanone	7.257	43	949414	285.258	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	152058	44.733	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	162510	53.568	ug/l	95
28) Bromochloromethane	7.587	49	106910	61.074	ug/l #	65
29) Tetrahydrofuran	7.610	42	640410	302.134	ug/l #	83
30) Chloroform	7.745	83	264445	49.182	ug/l	100
31) Cyclohexane	8.022	56	279468	54.324	ug/l #	83
32) 1,1,1-Trichloroethane	7.939	97	209052	50.554	ug/l	96
36) 1,1-Dichloropropene	8.151	75	202891	48.301	ug/l	95
37) Ethyl Acetate	7.339	43	356240	50.711	ug/l #	93
38) Carbon Tetrachloride	8.139	117	163145	42.646	ug/l	99
39) Methylcyclohexane	9.392	83	239967	48.665	ug/l	90
40) Benzene	8.392	78	661483	50.153	ug/l	99

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41) Methacrylonitrile	7.563	41	161933	49.939	ug/l	91
42) 1,2-Dichloroethane	8.463	62	217376	46.312	ug/l	97
43) Isopropyl Acetate	8.492	43	533639	56.507	ug/l #	89
44) Trichloroethene	9.145	130	131278	44.543	ug/l	95
45) 1,2-Dichloropropane	9.428	63	184745	51.879	ug/l	95
46) Dibromomethane	9.516	93	107409	45.161	ug/l #	85
47) Bromodichloromethane	9.698	83	205425	44.076	ug/l	100
48) Methyl methacrylate	9.498	41	233424	52.035	ug/l	86
49) 1,4-Dioxane	9.504	88	95463	986.389	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1873619	273.368	ug/l	89
52) Toluene	10.445	92	395708	50.901	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	222383	50.324	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	247814	50.090	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	157407	46.809	ug/l	96
56) Ethyl methacrylate	10.704	69	286251	56.160	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	282749	48.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	698855	271.042	ug/l #	87
59) 2-Hexanone	11.027	43	1454307	279.607	ug/l	88
60) Dibromochloromethane	11.175	129	149619	47.502	ug/l	97
61) 1,2-Dibromoethane	11.286	107	153922	47.903	ug/l	98
64) Tetrachloroethene	10.910	164	107962	40.953	ug/l	93
65) Chlorobenzene	11.710	112	391920	47.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	127610	43.838	ug/l	97
67) Ethyl Benzene	11.786	91	746355	50.782	ug/l	97
68) m/p-Xylenes	11.892	106	554163	101.498	ug/l	97
69) o-Xylene	12.216	106	279399	51.357	ug/l	98
70) Styrene	12.233	104	462133	53.319	ug/l	99
71) Bromoform	12.398	173	102053	41.390	ug/l #	97
73) Isopropylbenzene	12.516	105	712465	51.230	ug/l	98
74) N-amyl acetate	12.327	43	459651	58.418	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.769	83	284501	49.329	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	222517m	57.803	ug/l	
77) Bromobenzene	12.798	156	152808	46.973	ug/l	79
78) n-propylbenzene	12.857	91	870819	54.933	ug/l	94
79) 2-Chlorotoluene	12.945	91	493885	50.864	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	579434	51.231	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	83521	53.386	ug/l	91
82) 4-Chlorotoluene	13.045	91	471844	50.221	ug/l	97
83) tert-Butylbenzene	13.263	119	502122	51.900	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	568650	52.094	ug/l	98
85) sec-Butylbenzene	13.439	105	747982	55.114	ug/l	95
86) p-Isopropyltoluene	13.557	119	576394	54.582	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	277363	47.830	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	281830	46.977	ug/l	99
89) n-Butylbenzene	13.880	91	527040	57.304	ug/l	97
90) Hexachloroethane	14.145	117	100500	46.162	ug/l	78
91) 1,2-Dichlorobenzene	13.927	146	279354	45.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55867	48.464	ug/l	84
93) 1,2,4-Trichlorobenzene	15.192	180	146257	48.914	ug/l	99
94) Hexachlorobutadiene	15.298	225	61111	41.560	ug/l	95
95) Naphthalene	15.433	128	609680	49.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	150882	48.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

