

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072205.D
 Acq On : 26 Apr 2022 17:38
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042622

Quant Time: Apr 27 06:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	302068	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	505514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	458088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	182917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	220953	47.646	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.300%		
35) Dibromofluoromethane	8.016	113	161729	49.985	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.960%		
50) Toluene-d8	10.439	98	643900	50.646	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.727	95	218626	51.807	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	166142	49.069	ug/l	96
3) Chloromethane	2.299	50	187636	49.378	ug/l	98
4) Vinyl Chloride	2.440	62	156418	45.999	ug/l	98
5) Bromomethane	2.840	94	86228	53.113	ug/l	93
6) Chloroethane	3.004	64	91121	47.319	ug/l	98
7) Trichlorofluoromethane	3.369	101	271325	45.672	ug/l	98
8) Diethyl Ether	3.822	74	108879	50.614	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.216	101	150016	48.074	ug/l	97
10) Methyl Iodide	4.422	142	186251	49.170	ug/l	# 90
11) Tert butyl alcohol	5.357	59	191165	250.843	ug/l	98
12) 1,1-Dichloroethene	4.187	96	141369	49.001	ug/l	93
13) Acrolein	4.040	56	181724	236.949	ug/l	98
14) Allyl chloride	4.840	41	296693	49.530	ug/l	93
15) Acrylonitrile	5.551	53	570531	248.086	ug/l	100
16) Acetone	4.281	43	485668	242.910	ug/l	98
17) Carbon Disulfide	4.528	76	330274	48.666	ug/l	99
18) Methyl Acetate	4.851	43	274183	49.053	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	580951	51.372	ug/l	99
20) Methylene Chloride	5.098	84	175495	45.792	ug/l	88
21) trans-1,2-Dichloroethene	5.592	96	150354	47.262	ug/l	90
22) Diisopropyl ether	6.492	45	606085	49.122	ug/l	97
23) Vinyl Acetate	6.428	43	2647359	255.477	ug/l	95
24) 1,1-Dichloroethane	6.387	63	327287	47.422	ug/l	99
25) 2-Butanone	7.328	43	784344	246.327	ug/l	93
26) 2,2-Dichloropropane	7.322	77	271814	50.419	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	188178	48.521	ug/l	89
28) Bromochloromethane	7.657	49	149552	48.393	ug/l	# 80
29) Tetrahydrofuran	7.681	42	516596	247.216	ug/l	89
30) Chloroform	7.816	83	326749	47.153	ug/l	99
31) Cyclohexane	8.092	56	280926	45.338	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	287401	48.737	ug/l	98
36) 1,1-Dichloropropene	8.216	75	236560	50.229	ug/l	96
37) Ethyl Acetate	7.410	43	317010	50.686	ug/l	96
38) Carbon Tetrachloride	8.204	117	243994	48.372	ug/l	97
39) Methylcyclohexane	9.457	83	273458	51.915	ug/l	94
40) Benzene	8.457	78	714551	48.914	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	166308	52.562	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	269638	48.213	ug/l	97
43) Isopropyl Acetate	8.557	43	474103	48.306	ug/l	95
44) Trichloroethene	9.216	130	163025	47.974	ug/l	90
45) 1,2-Dichloropropane	9.486	63	196044	49.665	ug/l	99
46) Dibromomethane	9.575	93	124468	50.335	ug/l	89
47) Bromodichloromethane	9.757	83	259672	50.047	ug/l	100
48) Methyl methacrylate	9.557	41	230543	55.803	ug/l	91
49) 1,4-Dioxane	9.563	88	76023	1047.541	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	1562045	264.697	ug/l	95
52) Toluene	10.504	92	455242	52.128	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	284620	54.570	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	308584	54.707	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	181812	49.652	ug/l	97
56) Ethyl methacrylate	10.757	69	313084	48.878	ug/l	93
57) 1,3-Dichloropropane	11.039	76	321759	50.075	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	399717	232.980	ug/l	93
59) 2-Hexanone	11.080	43	1126191	270.865	ug/l	94
60) Dibromochloromethane	11.233	129	192734	51.473	ug/l	98
61) 1,2-Dibromoethane	11.339	107	183680	51.006	ug/l	99
64) Tetrachloroethene	10.974	164	135798	49.248	ug/l	94
65) Chlorobenzene	11.769	112	464116	50.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	177559	50.911	ug/l	98
67) Ethyl Benzene	11.839	91	877390	54.356	ug/l	99
68) m/p-Xylenes	11.951	106	639905	106.758	ug/l	91
69) o-Xylene	12.274	106	322730	55.539	ug/l	93
70) Styrene	12.292	104	519814	56.792	ug/l	96
71) Bromoform	12.457	173	137093	52.852	ug/l #	100
73) Isopropylbenzene	12.574	105	848301	52.509	ug/l	97
74) N-amyl acetate	12.380	43	333738	55.140	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	287771	53.510	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	261658m	59.693	ug/l	
77) Bromobenzene	12.857	156	187127	48.981	ug/l	86
78) n-propylbenzene	12.916	91	953059	53.550	ug/l	96
79) 2-Chlorotoluene	13.004	91	593865	50.801	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	713184	53.008	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	87354	55.219	ug/l	94
82) 4-Chlorotoluene	13.098	91	569732	52.356	ug/l	94
83) tert-Butylbenzene	13.321	119	618048	52.320	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	700840	53.838	ug/l	96
85) sec-Butylbenzene	13.498	105	852698	55.367	ug/l	97
86) p-Isopropyltoluene	13.610	119	676185	56.317	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	317676	51.376	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	310846	51.694	ug/l	97
89) n-Butylbenzene	13.939	91	541057	58.831	ug/l	98
90) Hexachloroethane	14.204	117	129026	49.503	ug/l	87
91) 1,2-Dichlorobenzene	13.980	146	312670	51.304	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	55853	49.988	ug/l	80
93) 1,2,4-Trichlorobenzene	15.257	180	144148	51.107	ug/l	98
94) Hexachlorobutadiene	15.362	225	81993	50.207	ug/l	98
95) Naphthalene	15.498	128	466684	49.322	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	143796	51.147	ug/l	98

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

