

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070313.D
 Acq On : 27 Dec 2021 15:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN122721

Quant Time: Dec 28 01:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1134895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1843672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1719458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	752468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	819414	50.22	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.44%			
35) Dibromofluoromethane	8.019	113	579856	51.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.96%			
50) Toluene-d8	10.441	98	2345650	51.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.94%			
62) 4-Bromofluorobenzene	12.728	95	881545	53.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.12%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	664091	51.60	ug/l	100
3) Chloromethane	2.303	50	832308	47.54	ug/l	99
4) Vinyl Chloride	2.448	62	784522	49.22	ug/l	98
5) Bromomethane	2.848	94	434973	52.87	ug/l	99
6) Chloroethane	3.017	64	458789	47.79	ug/l	99
7) Trichlorofluoromethane	3.376	101	956159	49.84	ug/l	97
8) Diethyl Ether	3.821	74	415788	49.16	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.208	101	599110	51.05	ug/l	96
10) Methyl Iodide	4.417	142	783803	49.36	ug/l	99
11) Tert butyl alcohol	5.369	59	653942	240.69	ug/l	98
12) 1,1-Dichloroethene	4.178	96	570749	49.38	ug/l	88
13) Acrolein	4.039	56	462763	209.92	ug/l	99
14) Allyl chloride	4.838	41	1299218	49.58	ug/l	91
15) Acrylonitrile	5.551	53	2050886	241.90	ug/l	99
16) Acetone	4.283	43	2409695	227.49	ug/l	99
17) Carbon Disulfide	4.527	76	1595953	50.58	ug/l	99
18) Methyl Acetate	4.851	43	1432963	46.77	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	2195348	51.14	ug/l	96
20) Methylene Chloride	5.093	84	692784	47.27	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	615533	50.30	ug/l	88
22) Diisopropyl ether	6.493	45	2545402	49.87	ug/l	93
23) Vinyl Acetate	6.431	43	10225805	258.21	ug/l	95
24) 1,1-Dichloroethane	6.383	63	1294419	48.91	ug/l	98
25) 2-Butanone	7.329	43	3157946	236.77	ug/l	91
26) 2,2-Dichloropropane	7.321	77	1069934	51.25	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	728873	49.91	ug/l	86
28) Bromochloromethane	7.657	49	662429	51.18	ug/l #	79
29) Tetrahydrofuran	7.681	42	1921351	241.45	ug/l	88
30) Chloroform	7.815	83	1252994	49.07	ug/l	100
31) Cyclohexane	8.091	56	1259315	48.91	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	1084962	50.40	ug/l	97
36) 1,1-Dichloropropene	8.220	75	956840	51.85	ug/l	97
37) Ethyl Acetate	7.410	43	1175035	49.12	ug/l	96
38) Carbon Tetrachloride	8.204	117	900962	51.13	ug/l	98
39) Methylcyclohexane	9.456	83	1198627	53.65	ug/l	89
40) Benzene	8.456	78	2842626	50.25	ug/l	99

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41) Methacrylonitrile	7.633	41	608235	50.84	ug/l	88
42) 1,2-Dichloroethane	8.528	62	1078252	50.71	ug/l	97
43) Isopropyl Acetate	8.558	43	1925857	51.07	ug/l #	94
44) Trichloroethene	9.215	130	682847	50.80	ug/l	93
45) 1,2-Dichloropropane	9.488	63	770083	50.56	ug/l	100
46) Dibromomethane	9.574	93	480382	50.72	ug/l	94
47) Bromodichloromethane	9.759	83	971994	51.68	ug/l	100
48) Methyl methacrylate	9.558	41	970124	53.93	ug/l #	78
49) 1,4-Dioxane	9.566	88	263780	1001.76	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	6000871	253.23	ug/l	97
52) Toluene	10.502	92	1767530	51.62	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1111181	54.58	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	1197572	54.37	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	686467	50.67	ug/l	98
56) Ethyl methacrylate	10.760	69	1198437	53.53	ug/l	90
57) 1,3-Dichloropropane	11.041	76	1215816	50.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1270659	224.26	ug/l	90
59) 2-Hexanone	11.084	43	4501780	260.51	ug/l	95
60) Dibromochloromethane	11.237	129	695001	52.57	ug/l	100
61) 1,2-Dibromoethane	11.344	107	712544	51.79	ug/l	99
64) Tetrachloroethene	10.974	164	614757	49.37	ug/l	96
65) Chlorobenzene	11.768	112	1852768	50.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	668440	51.32	ug/l	99
67) Ethyl Benzene	11.843	91	3518887	52.64	ug/l	96
68) m/p-Xylenes	11.950	106	2597341	106.75	ug/l	92
69) o-Xylene	12.278	106	1284989	53.09	ug/l	92
70) Styrene	12.294	104	2112880	55.16	ug/l	96
71) Bromoform	12.457	173	511025	52.87	ug/l #	100
73) Isopropylbenzene	12.575	105	3389997	48.51	ug/l	98
74) N-amyl acetate	12.388	43	1506148	51.26	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	1046211	45.23	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1000317m	45.18	ug/l	
77) Bromobenzene	12.860	156	771698	48.10	ug/l	79
78) n-propylbenzene	12.919	91	3976323	51.36	ug/l	96
79) 2-Chlorotoluene	13.004	91	2401421	48.34	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2792466	49.87	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	321939	52.27	ug/l	98
82) 4-Chlorotoluene	13.104	91	2361688	50.75	ug/l	92
83) tert-Butylbenzene	13.321	119	2420746	49.10	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2748077	50.97	ug/l	97
85) sec-Butylbenzene	13.501	105	3446006	51.48	ug/l	98
86) p-Isopropyltoluene	13.613	119	2781661	52.90	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1351358	50.32	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1320220	49.84	ug/l	97
89) n-Butylbenzene	13.940	91	2398202	54.68	ug/l	97
90) Hexachloroethane	14.209	117	459911	50.34	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	1270539	48.26	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	195986	48.42	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	690704	55.68	ug/l	98
94) Hexachlorobutadiene	15.367	225	375339	52.06	ug/l	99
95) Naphthalene	15.504	128	1941593	56.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	654406	55.07	ug/l	98

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

