

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081055.D
 Acq On : 16 Feb 2024 15:57
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN021624

Quant Time: Feb 16 23:46:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	388133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	697179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	634648	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	281344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	228643	48.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.120%		
35) Dibromofluoromethane	8.165	113	193294	49.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.060%		
50) Toluene-d8	10.570	98	677568	48.390	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.780%		
62) 4-Bromofluorobenzene	12.853	95	266818	50.713	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	252077	50.220	ug/l	96
3) Chloromethane	2.365	50	253292	46.154	ug/l	95
4) Vinyl Chloride	2.518	62	264117	47.371	ug/l	95
5) Bromomethane	2.953	94	172978	43.681	ug/l	98
6) Chloroethane	3.118	64	166300	46.062	ug/l	97
7) Trichlorofluoromethane	3.500	101	385853	47.371	ug/l	93
8) Diethyl Ether	3.959	74	147920	49.672	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	218261	48.068	ug/l	92
10) Methyl Iodide	4.589	142	262604	51.812	ug/l	98
11) Tert butyl alcohol	5.518	59	196009	224.033	ug/l	99
12) 1,1-Dichloroethene	4.341	96	202534	46.143	ug/l	86
13) Acrolein	4.177	56	133728	285.175	ug/l	100
14) Allyl chloride	5.024	41	299339	45.962	ug/l	# 88
15) Acrylonitrile	5.712	53	551826	241.502	ug/l	99
16) Acetone	4.424	43	426323	227.744	ug/l	96
17) Carbon Disulfide	4.712	76	547800	44.745	ug/l	99
18) Methyl Acetate	5.018	43	234108	51.266	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	737269	49.043	ug/l	98
20) Methylene Chloride	5.277	84	235289	48.560	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	222918	45.520	ug/l	96
22) Diisopropyl ether	6.671	45	726810	49.197	ug/l	# 94
23) Vinyl Acetate	6.600	43	2975491	248.240	ug/l	# 93
24) 1,1-Dichloroethane	6.571	63	409785	47.972	ug/l	97
25) 2-Butanone	7.482	43	698545	230.987	ug/l	94
26) 2,2-Dichloropropane	7.494	77	376924	47.092	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	270969	47.625	ug/l	86
28) Bromochloromethane	7.812	49	166107	46.905	ug/l	# 64
29) Tetrahydrofuran	7.835	42	465500	230.585	ug/l	# 86
30) Chloroform	7.965	83	431403	47.506	ug/l	97
31) Cyclohexane	8.259	56	359968	43.821	ug/l	# 79
32) 1,1,1-Trichloroethane	8.171	97	389463	47.091	ug/l	91
36) 1,1-Dichloropropene	8.377	75	325129	48.138	ug/l	95
37) Ethyl Acetate	7.559	43	297196	48.756	ug/l	98
38) Carbon Tetrachloride	8.365	117	341065	49.912	ug/l	93
39) Methylcyclohexane	9.600	83	382621	48.597	ug/l	89
40) Benzene	8.606	78	952070	48.700	ug/l	97

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41) Methacrylonitrile	7.777	41	169677	48.910	ug/l	94
42) 1,2-Dichloroethane	8.671	62	333222	48.856	ug/l	98
43) Isopropyl Acetate	8.688	43	518381	48.625	ug/l #	94
44) Trichloroethene	9.353	130	242898	46.649	ug/l	95
45) 1,2-Dichloropropane	9.623	63	241975	49.481	ug/l	99
46) Dibromomethane	9.712	93	173174	48.602	ug/l	91
47) Bromodichloromethane	9.888	83	343017	50.830	ug/l #	97
48) Methyl methacrylate	9.682	41	249595	50.316	ug/l	94
49) 1,4-Dioxane	9.694	88	93279	1022.761	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1511382	246.449	ug/l	95
52) Toluene	10.629	92	612293	49.473	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	394249	52.573	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	413923	51.088	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	242737	50.994	ug/l	92
56) Ethyl methacrylate	10.876	69	374240	51.441	ug/l	88
57) 1,3-Dichloropropane	11.165	76	420040	51.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	914610	250.562	ug/l #	86
59) 2-Hexanone	11.194	43	1131199	232.662	ug/l	95
60) Dibromochloromethane	11.365	129	261088	51.630	ug/l	100
61) 1,2-Dibromoethane	11.470	107	252908	50.524	ug/l	98
64) Tetrachloroethene	11.106	164	201111	46.430	ug/l	94
65) Chlorobenzene	11.894	112	657172	47.844	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.964	131	241065	48.862	ug/l	97
67) Ethyl Benzene	11.964	91	1179560	47.991	ug/l	97
68) m/p-Xylenes	12.076	106	910899	96.687	ug/l	94
69) o-Xylene	12.400	106	447498	47.919	ug/l	93
70) Styrene	12.412	104	738527	49.906	ug/l	97
71) Bromoform	12.582	173	161265	51.522	ug/l #	98
73) Isopropylbenzene	12.700	105	1154203	46.889	ug/l	98
74) N-amyl acetate	12.494	43	479812	46.120	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	313708	45.322	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	287897m	45.038	ug/l	
77) Bromobenzene	12.982	156	254362	46.344	ug/l	77
78) n-propylbenzene	13.035	91	1350823	47.669	ug/l	96
79) 2-Chlorotoluene	13.129	91	792629	45.603	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	953962	47.798	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	125113	50.378	ug/l	98
82) 4-Chlorotoluene	13.223	91	791075	46.547	ug/l	94
83) tert-Butylbenzene	13.441	119	802011	46.473	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	953162	47.926	ug/l	96
85) sec-Butylbenzene	13.617	105	1149857	47.928	ug/l	94
86) p-Isopropyltoluene	13.729	119	963016	48.326	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	469731	45.295	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	471086	46.229	ug/l	97
89) n-Butylbenzene	14.058	91	840237	48.398	ug/l	97
90) Hexachloroethane	14.341	117	157868	47.927	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	457640	45.754	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61982	43.070	ug/l	71
93) 1,2,4-Trichlorobenzene	15.400	180	272685	48.867	ug/l	99
94) Hexachlorobutadiene	15.500	225	97890	47.038	ug/l	99
95) Naphthalene	15.647	128	940934	46.015	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	260234	47.011	ug/l	98

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

