

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081311.D
 Acq On : 05 Mar 2024 15:15
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN030524

Quant Time: Mar 06 03:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/06/2024
 Supervised By : Mahesh Dadoda 03/06/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	317022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	576046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	530131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240259	52.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.171	113	190647	54.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.040%			
50) Toluene-d8	10.570	98	728380	55.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.420%			
62) 4-Bromofluorobenzene	12.853	95	264126	56.643	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	235505	56.040	ug/l	92
3) Chloromethane	2.359	50	219995	48.463	ug/l	95
4) Vinyl Chloride	2.512	62	237528	50.159	ug/l	95
5) Bromomethane	2.947	94	143320	45.315	ug/l	88
6) Chloroethane	3.118	64	151977	46.725	ug/l	96
7) Trichlorofluoromethane	3.494	101	364067	51.969	ug/l	93
8) Diethyl Ether	3.959	74	124610	50.487	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	200433	50.242	ug/l	92
10) Methyl Iodide	4.589	142	195264	53.486	ug/l	99
11) Tert butyl alcohol	5.518	59	197448	246.345	ug/l	100
12) 1,1-Dichloroethene	4.336	96	187751	50.819	ug/l	96
13) Acrolein	4.177	56	223773	235.778	ug/l	100
14) Allyl chloride	5.018	41	276645	50.456	ug/l #	92
15) Acrylonitrile	5.712	53	530405	253.310	ug/l	98
16) Acetone	4.424	43	388154	239.003	ug/l	98
17) Carbon Disulfide	4.712	76	526944	49.973	ug/l	98
18) Methyl Acetate	5.018	43	248374	53.416	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	636164	50.771	ug/l	94
20) Methylene Chloride	5.277	84	212224	52.938	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	203281	48.803	ug/l	94
22) Diisopropyl ether	6.665	45	638110	52.399	ug/l #	91
23) Vinyl Acetate	6.600	43	2612312	264.050	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	377953	50.700	ug/l	95
25) 2-Butanone	7.482	43	692863	254.749	ug/l	92
26) 2,2-Dichloropropane	7.488	77	338375	51.358	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	238009	50.400	ug/l	88
28) Bromochloromethane	7.818	49	153029	47.975	ug/l #	69
29) Tetrahydrofuran	7.841	42	470462	253.670	ug/l #	88
30) Chloroform	7.965	83	397941	51.441	ug/l	96
31) Cyclohexane	8.259	56	345472	49.781	ug/l #	77
32) 1,1,1-Trichloroethane	8.165	97	357452	52.275	ug/l	94
36) 1,1-Dichloropropene	8.371	75	295043	51.819	ug/l	97
37) Ethyl Acetate	7.559	43	279366	50.193	ug/l	98
38) Carbon Tetrachloride	8.365	117	306326	53.456	ug/l	97
39) Methylcyclohexane	9.606	83	357699	54.588	ug/l	90
40) Benzene	8.606	78	870699	51.232	ug/l	96

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41) Methacrylonitrile	7.782	41	156879	49.912	ug/l	97
42) 1,2-Dichloroethane	8.671	62	301795	50.364	ug/l	99
43) Isopropyl Acetate	8.688	43	478697	49.138	ug/l	96
44) Trichloroethene	9.353	130	218177	50.900	ug/l	96
45) 1,2-Dichloropropane	9.623	63	212716	49.824	ug/l	98
46) Dibromomethane	9.712	93	156293	51.937	ug/l	93
47) Bromodichloromethane	9.888	83	307392	52.618	ug/l	96
48) Methyl methacrylate	9.682	41	223090	51.808	ug/l	90
49) 1,4-Dioxane	9.700	88	96166	1013.222	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1490057	263.420	ug/l	96
52) Toluene	10.635	92	542417	52.834	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	338850	53.608	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	357207	52.349	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	213427	52.424	ug/l	94
56) Ethyl methacrylate	10.876	69	324416	55.495	ug/l	92
57) 1,3-Dichloropropane	11.165	76	366587	51.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	898601	285.759	ug/l #	89
59) 2-Hexanone	11.200	43	1138636	269.259	ug/l	97
60) Dibromochloromethane	11.365	129	226572	54.038	ug/l	97
61) 1,2-Dibromoethane	11.470	107	222277	52.620	ug/l	100
64) Tetrachloroethene	11.106	164	212796	51.265	ug/l	94
65) Chlorobenzene	11.894	112	566123	50.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	209851	51.335	ug/l	97
67) Ethyl Benzene	11.965	91	1055695	52.462	ug/l	99
68) m/p-Xylenes	12.076	106	794764	104.944	ug/l	100
69) o-Xylene	12.400	106	389990	53.135	ug/l	97
70) Styrene	12.412	104	645212	55.473	ug/l	98
71) Bromoform	12.582	173	148325	52.264	ug/l #	97
73) Isopropylbenzene	12.700	105	1033653	52.348	ug/l	98
74) N-amyl acetate	12.494	43	425515	51.359	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	291095	47.769	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	288080m	49.877	ug/l	
77) Bromobenzene	12.982	156	227144	48.517	ug/l	79
78) n-propylbenzene	13.041	91	1268340	54.307	ug/l	98
79) 2-Chlorotoluene	13.129	91	730013	51.137	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	869831	53.290	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	106553	51.486	ug/l #	78
82) 4-Chlorotoluene	13.223	91	730468	51.804	ug/l	95
83) tert-Butylbenzene	13.441	119	755529	53.991	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	880394	53.237	ug/l	96
85) sec-Butylbenzene	13.617	105	1104712	54.569	ug/l	96
86) p-Isopropyltoluene	13.735	119	899658	55.414	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	430001	48.642	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	437378	49.500	ug/l	98
89) n-Butylbenzene	14.059	91	841166	56.498	ug/l	96
90) Hexachloroethane	14.335	117	144917	50.984	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	420649	49.595	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60772	46.603	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	239849	52.904	ug/l	99
94) Hexachlorobutadiene	15.505	225	92656	49.461	ug/l	96
95) Naphthalene	15.641	128	850370	52.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	236281	51.392	ug/l	99

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

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