

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076923.D
 Acq On : 10 Mar 2023 14:11
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN031023

Quant Time: Mar 10 14:28:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	428835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	701449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	608554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	287677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	307064	47.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	8.178	113	227048	48.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	10.572	98	853723	49.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.100%		
62) 4-Bromofluorobenzene	12.848	95	322622	51.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	398204	51.553	ug/l	100
3) Chloromethane	2.378	50	186859	44.705	ug/l	100
4) Vinyl Chloride	2.531	62	187379	48.296	ug/l	100
5) Bromomethane	2.955	94	135924	47.628	ug/l	90
6) Chloroethane	3.125	64	110985	45.061	ug/l	99
7) Trichlorofluoromethane	3.513	101	489192	48.593	ug/l	97
8) Diethyl Ether	3.972	74	160305	49.493	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.390	101	247663	48.152	ug/l	97
10) Methyl Iodide	4.601	142	287450	53.397	ug/l	92
11) Tert butyl alcohol	5.537	59	226741	254.703	ug/l	98
12) 1,1-Dichloroethene	4.354	96	227430	47.980	ug/l	92
13) Acrolein	4.190	56	190201	237.699	ug/l	100
14) Allyl chloride	5.037	41	327241	48.123	ug/l #	88
15) Acrylonitrile	5.731	53	612874	243.599	ug/l	100
16) Acetone	4.437	43	623836	281.323	ug/l	95
17) Carbon Disulfide	4.725	76	631574	48.100	ug/l	98
18) Methyl Acetate	5.037	43	387187	47.344	ug/l	91
19) Methyl tert-butyl Ether	5.807	73	848325	50.331	ug/l	98
20) Methylene Chloride	5.290	84	255342	44.783	ug/l	90
21) trans-1,2-Dichloroethene	5.801	96	243045	48.366	ug/l #	84
22) Diisopropyl ether	6.678	45	732385	48.682	ug/l	94
23) Vinyl Acetate	6.613	43	2386419	257.588	ug/l	94
24) 1,1-Dichloroethane	6.578	63	460891	47.961	ug/l	97
25) 2-Butanone	7.490	43	805214	255.313	ug/l	91
26) 2,2-Dichloropropane	7.495	77	431348	50.722	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	280482	48.370	ug/l	87
28) Bromochloromethane	7.819	49	161285	46.398	ug/l	88
29) Tetrahydrofuran	7.842	42	489133	250.217	ug/l	87
30) Chloroform	7.972	83	496642	48.099	ug/l	99
31) Cyclohexane	8.260	56	413695	45.057	ug/l	88
32) 1,1,1-Trichloroethane	8.178	97	478142	49.392	ug/l	99
36) 1,1-Dichloropropene	8.378	75	369969	51.169	ug/l	95
37) Ethyl Acetate	7.566	43	309465	53.521	ug/l	95
38) Carbon Tetrachloride	8.366	117	427813	50.556	ug/l	98
39) Methylcyclohexane	9.607	83	455057	51.848	ug/l #	86
40) Benzene	8.613	78	1038934	48.748	ug/l	98

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41) Methacrylonitrile	7.784	41	176831	51.395	ug/l #	88
42) 1,2-Dichloroethane	8.678	62	402169	48.378	ug/l	94
43) Isopropyl Acetate	8.695	43	523390	51.277	ug/l	93
44) Trichloroethene	9.360	130	272229	49.426	ug/l	99
45) 1,2-Dichloropropane	9.625	63	254593	48.552	ug/l	97
46) Dibromomethane	9.713	93	181516	49.565	ug/l	96
47) Bromodichloromethane	9.889	83	396272	51.006	ug/l	96
48) Methyl methacrylate	9.684	41	254422	50.873	ug/l	85
49) 1,4-Dioxane	9.695	88	98186	1036.839	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	1552734	253.236	ug/l	94
52) Toluene	10.631	92	662991	50.545	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	416187	53.732	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	438462	51.546	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	250745	49.132	ug/l	97
56) Ethyl methacrylate	10.878	69	406531	52.518	ug/l #	86
57) 1,3-Dichloropropane	11.166	76	439696	48.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	628258	254.876	ug/l	97
59) 2-Hexanone	11.195	43	1171920	262.132	ug/l	92
60) Dibromochloromethane	11.360	129	289856	51.551	ug/l	97
61) 1,2-Dibromoethane	11.472	107	259041	50.643	ug/l	99
64) Tetrachloroethene	11.107	164	262952	53.388	ug/l	98
65) Chlorobenzene	11.895	112	677629	49.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	266781	50.204	ug/l	96
67) Ethyl Benzene	11.966	91	1322505	52.836	ug/l	97
68) m/p-Xylenes	12.072	106	977283	103.880	ug/l	86
69) o-Xylene	12.401	106	476771	52.201	ug/l	84
70) Styrene	12.413	104	781769	52.983	ug/l #	91
71) Bromoform	12.583	173	205968	53.484	ug/l #	97
73) Isopropylbenzene	12.701	105	1297836	50.630	ug/l	95
74) N-amyl acetate	12.495	43	441849	52.060	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	346158	45.893	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	283101m	40.591	ug/l	
77) Bromobenzene	12.983	156	282192	49.243	ug/l	91
78) n-propylbenzene	13.036	91	1510902	52.930	ug/l	96
79) 2-Chlorotoluene	13.130	91	928584	50.164	ug/l	91
80) 1,3,5-Trimethylbenzene	13.177	105	1142116	52.304	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.736	75	114300	53.532	ug/l	88
82) 4-Chlorotoluene	13.224	91	914320	52.273	ug/l	91
83) tert-Butylbenzene	13.442	119	957763	51.630	ug/l	89
84) 1,2,4-Trimethylbenzene	13.483	105	1126891	51.583	ug/l	91
85) sec-Butylbenzene	13.619	105	1354749	53.278	ug/l	97
86) p-Isopropyltoluene	13.730	119	1131556	55.107	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	527414	50.499	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	521398	49.766	ug/l	98
89) n-Butylbenzene	14.060	91	968499	56.522	ug/l	98
90) Hexachloroethane	14.336	117	198410	50.286	ug/l	85
91) 1,2-Dichlorobenzene	14.107	146	519027	49.469	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	84942	51.007	ug/l	85
93) 1,2,4-Trichlorobenzene	15.395	180	305014	52.299	ug/l	97
94) Hexachlorobutadiene	15.507	225	169245	54.468	ug/l	99
95) Naphthalene	15.642	128	963239	55.475	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	300780	53.111	ug/l	98

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

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