

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076622.D
 Acq On : 13 Feb 2023 11:03
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 13 11:40:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 11:31:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	328609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	585458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	520512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	239900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	47876	12.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	24.680%#		
35) Dibromofluoromethane	8.172	113	38993	10.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.420%#		
50) Toluene-d8	10.566	98	142525	10.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.820%#		
62) 4-Bromofluorobenzene	12.854	95	45960	9.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	38219	11.195	ug/l	97
3) Chloromethane	2.378	50	46809	14.920	ug/l	97
4) Vinyl Chloride	2.525	62	46881	16.273	ug/l	91
5) Bromomethane	2.972	94	28750	13.451	ug/l	95
6) Chloroethane	3.137	64	30569	17.543	ug/l	92
7) Trichlorofluoromethane	3.513	101	60857	10.718	ug/l	98
8) Diethyl Ether	3.978	74	22021	10.242	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.390	101	35507	10.094	ug/l	96
10) Methyl Iodide	4.607	142	39533	7.684	ug/l	94
11) Tert butyl alcohol	5.525	59	29945	59.275	ug/l	95
12) 1,1-Dichloroethene	4.360	96	32968	10.032	ug/l	96
13) Acrolein	4.190	56	40605	60.166	ug/l	86
14) Allyl chloride	5.037	41	55762	13.029	ug/l #	89
15) Acrylonitrile	5.743	53	107570	70.957	ug/l	99
16) Acetone	4.437	43	101677	79.515	ug/l	89
17) Carbon Disulfide	4.725	76	89357	10.496	ug/l	99
18) Methyl Acetate	5.037	43	66942	16.546	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	109290	10.000	ug/l	96
20) Methylene Chloride	5.290	84	41343	10.488	ug/l #	82
21) trans-1,2-Dichloroethene	5.801	96	36231	10.144	ug/l	94
22) Diisopropyl ether	6.678	45	137561	14.182	ug/l #	93
23) Vinyl Acetate	6.613	43	387364	63.824	ug/l #	90
24) 1,1-Dichloroethane	6.572	63	74226	11.917	ug/l #	95
25) 2-Butanone	7.490	43	146400	79.649	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	53355	10.262	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	42757	10.236	ug/l	89
28) Bromochloromethane	7.819	49	36098	14.464	ug/l #	72
29) Tetrahydrofuran	7.848	42	95033	80.447	ug/l #	83
30) Chloroform	7.978	83	74521	11.029	ug/l	96
31) Cyclohexane	8.260	56	72133	11.767	ug/l	89
32) 1,1,1-Trichloroethane	8.178	97	62331	10.295	ug/l #	85
36) 1,1-Dichloropropene	8.372	75	51390	9.890	ug/l	97
37) Ethyl Acetate	7.566	43	58267	14.967	ug/l #	89
38) Carbon Tetrachloride	8.372	117	53345	9.548	ug/l	95
39) Methylcyclohexane	9.607	83	59596	9.235	ug/l	89
40) Benzene	8.613	78	168331	10.687	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	32638	14.807	ug/l #	84
42) 1,2-Dichloroethane	8.678	62	55322	10.787	ug/l	98
43) Isopropyl Acetate	8.695	43	91781	14.168	ug/l #	90
44) Trichloroethene	9.354	130	38693	9.199	ug/l	98
45) 1,2-Dichloropropane	9.625	63	44240	11.694	ug/l #	88
46) Dibromomethane	9.713	93	28248	10.351	ug/l	92
47) Bromodichloromethane	9.889	83	55037	10.029	ug/l #	97
48) Methyl methacrylate	9.684	41	42879	13.459	ug/l #	82
49) 1,4-Dioxane	9.695	88	16023	235.110	ug/l #	90
51) 4-Methyl-2-Pentanone	10.448	43	301058	77.327	ug/l #	85
52) Toluene	10.631	92	98592	9.699	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	49991	9.428	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	59393	9.822	ug/l #	85
55) 1,1,2-Trichloroethane	11.019	97	39212	9.849	ug/l #	90
56) Ethyl methacrylate	10.878	69	54460	10.220	ug/l #	72
57) 1,3-Dichloropropane	11.160	76	70743	10.977	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	113882	74.787	ug/l	92
59) 2-Hexanone	11.201	43	210666	75.899	ug/l	84
60) Dibromochloromethane	11.360	129	40593	9.675	ug/l	98
61) 1,2-Dibromoethane	11.472	107	36892	9.361	ug/l	96
64) Tetrachloroethene	11.107	164	30939	7.138	ug/l	92
65) Chlorobenzene	11.895	112	105689	9.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	38776	9.728	ug/l	99
67) Ethyl Benzene	11.966	91	184685	9.654	ug/l	94
68) m/p-Xylenes	12.072	106	138482	18.580	ug/l	96
69) o-Xylene	12.401	106	68384	9.370	ug/l	99
70) Styrene	12.413	104	109945	9.471	ug/l	98
71) Bromoform	12.583	173	28436	10.220	ug/l #	100
73) Isopropylbenzene	12.695	105	174383	8.876	ug/l	99
74) N-amyl acetate	12.495	43	76544	13.970	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.936	83	60836	11.297	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	49346m	11.025	ug/l	
77) Bromobenzene	12.983	156	41258	9.028	ug/l	95
78) n-propylbenzene	13.036	91	201180	9.299	ug/l	100
79) 2-Chlorotoluene	13.130	91	123416	8.956	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	145747	8.938	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	14593	10.011	ug/l #	82
82) 4-Chlorotoluene	13.130	91	123416	8.956	ug/l	98
83) tert-Butylbenzene	13.442	119	128271	8.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	146307	9.016	ug/l	99
85) sec-Butylbenzene	13.619	105	182549	9.269	ug/l	98
86) p-Isopropyltoluene	13.730	119	143720	8.904	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	77742	9.243	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	76744	8.982	ug/l	93
89) n-Butylbenzene	14.060	91	117703	9.209	ug/l	96
90) Hexachloroethane	14.336	117	28208	10.033	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	79159	9.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.719	75	10752	11.536	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	38017	10.005	ug/l	97
94) Hexachlorobutadiene	15.501	225	18692	8.748	ug/l	92
95) Naphthalene	15.642	128	117313	10.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	37229	10.230	ug/l	98

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

