

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076867.D
 Acq On : 07 Mar 2023 13:10
 Operator : JC\MD
 Sample : VN0307WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 07 22:39:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	538531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	915859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	802754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	383023	50.729	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.460%			
35) Dibromofluoromethane	8.172	113	296747	51.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	10.572	98	1197306	54.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.480%			
62) 4-Bromofluorobenzene	12.854	95	417629	54.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	120736	19.267	ug/l	100
3) Chloromethane	2.378	50	147211	17.861	ug/l	97
4) Vinyl Chloride	2.531	62	138840	18.378	ug/l	99
5) Bromomethane	2.972	94	91246	18.381	ug/l	92
6) Chloroethane	3.137	64	84735	18.648	ug/l	99
7) Trichlorofluoromethane	3.513	101	212519	19.280	ug/l	93
8) Diethyl Ether	3.978	74	82955	19.564	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.390	101	123313	19.134	ug/l	100
10) Methyl Iodide	4.607	142	139064	20.688	ug/l	96
11) Tert butyl alcohol	5.531	59	102010	90.983	ug/l	100
12) 1,1-Dichloroethene	4.354	96	118964	19.795	ug/l	93
13) Acrolein	4.196	56	153179	105.608	ug/l	98
14) Allyl chloride	5.037	41	192327	19.169	ug/l #	77
15) Acrylonitrile	5.731	53	342345	94.944	ug/l	99
16) Acetone	4.443	43	352074	106.826	ug/l	95
17) Carbon Disulfide	4.731	76	316186	19.380	ug/l	98
18) Methyl Acetate	5.043	43	210849	18.670	ug/l #	85
19) Methyl tert-butyl Ether	5.813	73	406314	19.716	ug/l	96
20) Methylene Chloride	5.290	84	140807	18.312	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	124315	19.132	ug/l	86
22) Diisopropyl ether	6.684	45	446583	19.784	ug/l #	92
23) Vinyl Acetate	6.619	43	1389089	96.611	ug/l #	90
24) 1,1-Dichloroethane	6.578	63	252776	19.638	ug/l	97
25) 2-Butanone	7.489	43	476175	98.907	ug/l #	87
26) 2,2-Dichloropropane	7.501	77	192662	20.438	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	149272	19.610	ug/l	87
28) Bromochloromethane	7.819	49	135179	24.835	ug/l #	75
29) Tetrahydrofuran	7.842	42	300738	96.832	ug/l #	78
30) Chloroform	7.972	83	249163	19.490	ug/l	97
31) Cyclohexane	8.266	56	238105	18.668	ug/l	84
32) 1,1,1-Trichloroethane	8.178	97	214029	19.333	ug/l	97
36) 1,1-Dichloropropene	8.378	75	186681	20.273	ug/l	96
37) Ethyl Acetate	7.572	43	185258	19.600	ug/l #	93
38) Carbon Tetrachloride	8.366	117	181361	19.387	ug/l	97
39) Methylcyclohexane	9.607	83	233137	20.540	ug/l #	85
40) Benzene	8.613	78	567757	20.240	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	102833	19.923	ug/l #	84
42) 1,2-Dichloroethane	8.678	62	188511	19.292	ug/l	97
43) Isopropyl Acetate	8.689	43	290353	20.066	ug/l #	90
44) Trichloroethene	9.360	130	135090	20.311	ug/l	95
45) 1,2-Dichloropropane	9.625	63	145958	20.135	ug/l	98
46) Dibromomethane	9.713	93	92217	20.030	ug/l	98
47) Bromodichloromethane	9.889	83	188900	19.958	ug/l	99
48) Methyl methacrylate	9.683	41	140357	19.962	ug/l #	78
49) 1,4-Dioxane	9.701	88	50317	390.431	ug/l #	78
51) 4-Methyl-2-Pentanone	10.448	43	918765	100.663	ug/l	91
52) Toluene	10.630	92	352722	21.118	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	194404	21.189	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	221351	21.004	ug/l #	89
55) 1,1,2-Trichloroethane	11.019	97	134296	20.212	ug/l	99
56) Ethyl methacrylate	10.878	69	205161	20.724	ug/l #	83
57) 1,3-Dichloropropane	11.166	76	234989	20.370	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	326941	95.315	ug/l	92
59) 2-Hexanone	11.195	43	687488	103.948	ug/l	89
60) Dibromochloromethane	11.360	129	135400	20.680	ug/l	97
61) 1,2-Dibromoethane	11.472	107	130416	20.422	ug/l	99
64) Tetrachloroethene	11.107	164	127064	21.270	ug/l	98
65) Chlorobenzene	11.895	112	351042	20.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	128510	20.478	ug/l	99
67) Ethyl Benzene	11.966	91	653741	20.753	ug/l	100
68) m/p-Xylenes	12.072	106	510497	43.074	ug/l	96
69) o-Xylene	12.401	106	247289	21.189	ug/l	91
70) Styrene	12.413	104	396146	21.649	ug/l	96
71) Bromoform	12.583	173	86549	20.261	ug/l #	99
73) Isopropylbenzene	12.701	105	636891	20.690	ug/l	96
74) N-amyl acetate	12.495	43	239501	19.894	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.942	83	186597	18.915	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	169814m	19.067	ug/l	
77) Bromobenzene	12.983	156	137943	20.251	ug/l	88
78) n-propylbenzene	13.036	91	745828	21.247	ug/l	97
79) 2-Chlorotoluene	13.130	91	458272	20.352	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	551735	21.386	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.736	75	51508	19.074	ug/l #	70
82) 4-Chlorotoluene	13.224	91	441574	20.685	ug/l	93
83) tert-Butylbenzene	13.442	119	456676	20.715	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	542566	21.320	ug/l	95
85) sec-Butylbenzene	13.618	105	660871	21.471	ug/l	96
86) p-Isopropyltoluene	13.730	119	538337	21.866	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	253604	20.390	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	255451	20.227	ug/l	98
89) n-Butylbenzene	14.060	91	448013	21.064	ug/l	98
90) Hexachloroethane	14.336	117	91037	20.466	ug/l	94
91) 1,2-Dichlorobenzene	14.113	146	257346	20.426	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	36093	19.308	ug/l	85
93) 1,2,4-Trichlorobenzene	15.395	180	135517	21.501	ug/l	98
94) Hexachlorobutadiene	15.507	225	67825	20.667	ug/l	96
95) Naphthalene	15.648	128	431874	21.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	129114	20.842	ug/l	98

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

