

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076917.D
 Acq On : 10 Mar 2023 11:46
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 10 12:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 11:43:29 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	396973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	670750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	581100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	252192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	31451	5.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.300%#		
35) Dibromofluoromethane	8.166	113	24472	5.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.660%#		
50) Toluene-d8	10.566	98	84050	5.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.400%#		
62) 4-Bromofluorobenzene	12.854	95	30229	5.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	31898	6.905	ug/l	98
3) Chloromethane	2.378	50	19328	3.181	ug/l	100
4) Vinyl Chloride	2.531	62	18825	3.380	ug/l	100
5) Bromomethane	2.954	94	15181	4.149	ug/l	94
6) Chloroethane	3.131	64	11947m	3.151	ug/l	
7) Trichlorofluoromethane	3.507	101	46548	5.729	ug/l	97
8) Diethyl Ether	3.972	74	15504	4.960	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.396	101	23926	5.036	ug/l	95
10) Methyl Iodide	4.601	142	21379	4.315	ug/l #	84
11) Tert butyl alcohol	5.537	59	21522	26.041	ug/l	97
12) 1,1-Dichloroethene	4.360	96	21862	4.935	ug/l	94
13) Acrolein	4.190	56	22472	21.018	ug/l	96
14) Allyl chloride	5.043	41	33440	4.521	ug/l #	81
15) Acrylonitrile	5.731	53	59380	22.341	ug/l	99
16) Acetone	4.449	43	52372	21.557	ug/l	99
17) Carbon Disulfide	4.725	76	58719	4.882	ug/l	97
18) Methyl Acetate	5.037	43	37385	4.491	ug/l	91
19) Methyl tert-butyl Ether	5.813	73	76161	5.014	ug/l	95
20) Methylene Chloride	5.290	84	27245	4.807	ug/l #	82
21) trans-1,2-Dichloroethene	5.801	96	24236	5.060	ug/l	87
22) Diisopropyl ether	6.684	45	69630	4.185	ug/l	90
23) Vinyl Acetate	6.619	43	208128	19.637	ug/l	95
24) 1,1-Dichloroethane	6.578	63	45160	4.759	ug/l	96
25) 2-Butanone	7.495	43	73920	20.829	ug/l #	82
26) 2,2-Dichloropropane	7.501	77	38793	5.583	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	26655	4.750	ug/l	88
28) Bromochloromethane	7.825	49	17856	4.450	ug/l	93
29) Tetrahydrofuran	7.848	42	45596	19.916	ug/l	86
30) Chloroform	7.972	83	49960	5.301	ug/l	92
31) Cyclohexane	8.260	56	46856	4.984	ug/l	84
32) 1,1,1-Trichloroethane	8.172	97	44806	5.490	ug/l #	87
36) 1,1-Dichloropropene	8.384	75	34790	5.159	ug/l	97
37) Ethyl Acetate	7.572	43	28418m	4.105	ug/l	
38) Carbon Tetrachloride	8.372	117	40534	5.916	ug/l #	94
39) Methylcyclohexane	9.607	83	40224	4.839	ug/l #	82
40) Benzene	8.613	78	101282	4.930	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	15540	4.111	ug/l	89
42) 1,2-Dichloroethane	8.678	62	39416	5.508	ug/l	96
43) Isopropyl Acetate	8.695	43	47009	4.436	ug/l	94
44) Trichloroethene	9.360	130	25919	5.321	ug/l	89
45) 1,2-Dichloropropane	9.625	63	23904	4.503	ug/l #	84
46) Dibromomethane	9.707	93	16994	5.040	ug/l	95
47) Bromodichloromethane	9.895	83	36073	5.204	ug/l	94
48) Methyl methacrylate	9.683	41	23150	4.496	ug/l	83
49) 1,4-Dioxane	9.701	88	9263	98.141	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	145807	21.813	ug/l	94
52) Toluene	10.630	92	62818	5.135	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	35651	5.306	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	39502	5.118	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	24977	5.133	ug/l	92
56) Ethyl methacrylate	10.878	69	35048	4.834	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	43509	5.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	62218	24.767	ug/l	96
59) 2-Hexanone	11.201	43	106035	21.891	ug/l	92
60) Dibromochloromethane	11.366	129	26759	5.581	ug/l	92
61) 1,2-Dibromoethane	11.472	107	23973	5.126	ug/l	97
64) Tetrachloroethene	11.107	164	21805	5.042	ug/l	94
65) Chlorobenzene	11.895	112	65727	5.234	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	25549	5.624	ug/l	96
67) Ethyl Benzene	11.966	91	116738	5.119	ug/l	97
68) m/p-Xylenes	12.072	106	88636	10.332	ug/l	88
69) o-Xylene	12.401	106	42298	5.007	ug/l	78
70) Styrene	12.413	104	68884	5.200	ug/l	94
71) Bromoform	12.583	173	17499	5.659	ug/l #	98
73) Isopropylbenzene	12.695	105	110173	5.012	ug/l	98
74) N-amyl acetate	12.495	43	37228	4.330	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.936	83	35170	4.992	ug/l	98
76) 1,2,3-Trichloropropane	13.001	75	32024m	5.035	ug/l	
77) Bromobenzene	12.989	156	26137	5.373	ug/l	92
78) n-propylbenzene	13.036	91	122884	4.902	ug/l	95
79) 2-Chlorotoluene	13.130	91	81800	5.087	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	95600	5.189	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	9626m	4.991	ug/l	
82) 4-Chlorotoluene	13.224	91	78691	5.162	ug/l	94
83) tert-Butylbenzene	13.442	119	83641	5.312	ug/l	90
84) 1,2,4-Trimethylbenzene	13.483	105	94621	5.206	ug/l	94
85) sec-Butylbenzene	13.619	105	110971	5.048	ug/l	96
86) p-Isopropyltoluene	13.730	119	86265	4.906	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	45532	5.126	ug/l	96
88) 1,4-Dichlorobenzene	13.813	146	46190	5.121	ug/l	91
89) n-Butylbenzene	14.060	91	69842	4.598	ug/l	98
90) Hexachloroethane	14.336	117	17216	5.420	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	47123	5.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	6826	5.113	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	24112	5.357	ug/l	97
94) Hexachlorobutadiene	15.507	225	13822	5.898	ug/l	97
95) Naphthalene	15.648	128	64401	4.467	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	23533	5.319	ug/l	97

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

