

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079790.D
 Acq On : 02 Nov 2023 12:13
 Operator : JC\MD
 Sample : VN1102WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

Quant Time: Nov 02 12:31:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	304243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	469664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	251619	54.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.560%			
35) Dibromofluoromethane	8.171	113	198608	53.208	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.420%			
50) Toluene-d8	10.571	98	736402	53.591	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.180%			
62) 4-Bromofluorobenzene	12.853	95	236735	51.947	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76014	20.742	ug/l	99
3) Chloromethane	2.365	50	89182	17.451	ug/l	99
4) Vinyl Chloride	2.518	62	91174	19.006	ug/l	100
5) Bromomethane	2.965	94	65175	22.361	ug/l	97
6) Chloroethane	3.124	64	72483	19.415	ug/l	96
7) Trichlorofluoromethane	3.500	101	116588	19.541	ug/l	99
8) Diethyl Ether	3.965	74	40544	17.907	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	67168	19.420	ug/l	99
10) Methyl Iodide	4.594	142	72109	18.257	ug/l	96
11) Tert butyl alcohol	5.524	59	44066	74.413	ug/l	99
12) 1,1-Dichloroethene	4.347	96	62635	19.126	ug/l	88
13) Acrolein	4.183	56	48568	100.346	ug/l	99
14) Allyl chloride	5.024	41	97017	18.359	ug/l #	92
15) Acrylonitrile	5.718	53	165595	89.804	ug/l	99
16) Acetone	4.424	43	154062	94.622	ug/l	90
17) Carbon Disulfide	4.718	76	176918	18.729	ug/l	100
18) Methyl Acetate	5.030	43	136399	17.510	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	210911	18.706	ug/l	93
20) Methylene Chloride	5.283	84	76122	18.529	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	70694	19.356	ug/l #	81
22) Diisopropyl ether	6.677	45	245693	21.137	ug/l #	91
23) Vinyl Acetate	6.606	43	614569	93.082	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	144924	20.513	ug/l	96
25) 2-Butanone	7.482	43	222172	93.184	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	118560	20.291	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	84106	19.251	ug/l	86
28) Bromochloromethane	7.818	49	71237	20.690	ug/l #	77
29) Tetrahydrofuran	7.847	42	144522	93.167	ug/l #	75
30) Chloroform	7.971	83	151639	19.760	ug/l	92
31) Cyclohexane	8.259	56	121587	19.851	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	126353	20.207	ug/l	95
36) 1,1-Dichloropropene	8.371	75	110707	20.772	ug/l	92
37) Ethyl Acetate	7.565	43	94017	19.235	ug/l #	92
38) Carbon Tetrachloride	8.365	117	108632	20.225	ug/l	99
39) Methylcyclohexane	9.606	83	97970	19.533	ug/l #	85
40) Benzene	8.612	78	324709	20.341	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48332	18.621	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	117628	21.096	ug/l	97
43) Isopropyl Acetate	8.688	43	149806	17.477	ug/l #	92
44) Trichloroethene	9.353	130	77996	19.691	ug/l	99
45) 1,2-Dichloropropane	9.624	63	86351	21.168	ug/l	98
46) Dibromomethane	9.712	93	56634	20.332	ug/l	97
47) Bromodichloromethane	9.888	83	117083	19.709	ug/l	98
48) Methyl methacrylate	9.682	41	71243	18.975	ug/l #	83
49) 1,4-Dioxane	9.694	88	22266	335.620	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	462121	95.759	ug/l	89
52) Toluene	10.635	92	200870	21.226	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	111970	19.227	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	127568	20.097	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	76106	19.994	ug/l	96
56) Ethyl methacrylate	10.876	69	101115	18.624	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	138087	20.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	273400	99.353	ug/l	89
59) 2-Hexanone	11.200	43	337536	91.429	ug/l	86
60) Dibromochloromethane	11.359	129	79981	19.630	ug/l	99
61) 1,2-Dibromoethane	11.470	107	73384	19.208	ug/l	99
64) Tetrachloroethene	11.106	164	63322	20.817	ug/l	98
65) Chlorobenzene	11.894	112	201158	19.745	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	74717	20.355	ug/l	97
67) Ethyl Benzene	11.965	91	358969	20.224	ug/l	94
68) m/p-Xylenes	12.070	106	269748	40.796	ug/l	97
69) o-Xylene	12.400	106	126350	19.844	ug/l	92
70) Styrene	12.412	104	215071	21.018	ug/l	98
71) Bromoform	12.582	173	50823	19.499	ug/l #	99
73) Isopropylbenzene	12.700	105	315725	19.493	ug/l	100
74) N-amyl acetate	12.494	43	122814	17.372	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	110093	19.171	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	95162m	19.748	ug/l	
77) Bromobenzene	12.982	156	78493	19.795	ug/l	96
78) n-propylbenzene	13.035	91	384389	20.725	ug/l	96
79) 2-Chlorotoluene	13.129	91	237385	20.035	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	262352	20.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	34934	18.971	ug/l	88
82) 4-Chlorotoluene	13.223	91	236891	20.120	ug/l	99
83) tert-Butylbenzene	13.441	119	209431	20.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	257300	20.753	ug/l	97
85) sec-Butylbenzene	13.617	105	294883	20.634	ug/l	99
86) p-Isopropyltoluene	13.729	119	236270	20.278	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143792	19.493	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	144832	19.307	ug/l	99
89) n-Butylbenzene	14.059	91	192137	19.146	ug/l	98
90) Hexachloroethane	14.335	117	47423	20.552	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	136751	19.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17520	17.991	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	59179	17.873	ug/l	98
94) Hexachlorobutadiene	15.506	225	28224	18.803	ug/l	98
95) Naphthalene	15.641	128	166417	14.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	58604	18.056	ug/l	97

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

