

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079485.D
 Acq On : 10 Oct 2023 11:46
 Operator : JC\MD
 Sample : VN1010WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:15:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	262871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	413860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	222480	52.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.400%			
35) Dibromofluoromethane	8.171	113	173580	51.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.571	98	649633	53.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.160%			
62) 4-Bromofluorobenzene	12.853	95	200405	51.503	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	74841	19.869	ug/l	100
3) Chloromethane	2.365	50	86523	18.409	ug/l	99
4) Vinyl Chloride	2.518	62	93274	19.079	ug/l	95
5) Bromomethane	2.953	94	51110	17.464	ug/l	99
6) Chloroethane	3.118	64	66766	18.115	ug/l	97
7) Trichlorofluoromethane	3.500	101	111336	19.288	ug/l	98
8) Diethyl Ether	3.965	74	41095	19.970	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	64927	19.248	ug/l	99
10) Methyl Iodide	4.589	142	55710	19.033	ug/l	95
11) Tert butyl alcohol	5.524	59	54383	84.775	ug/l	99
12) 1,1-Dichloroethene	4.347	96	59391	19.122	ug/l	84
13) Acrolein	4.183	56	79131	123.883	ug/l	97
14) Allyl chloride	5.030	41	91421	18.240	ug/l #	88
15) Acrylonitrile	5.724	53	178194	95.813	ug/l	99
16) Acetone	4.430	43	182702	108.072	ug/l	93
17) Carbon Disulfide	4.712	76	173558	17.915	ug/l	99
18) Methyl Acetate	5.030	43	142248	17.191	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	196538	19.476	ug/l #	91
20) Methylene Chloride	5.283	84	73915	19.600	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	64616	17.813	ug/l #	75
22) Diisopropyl ether	6.677	45	231872	20.631	ug/l #	90
23) Vinyl Acetate	6.612	43	622018	98.392	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	133762	19.447	ug/l	98
25) 2-Butanone	7.488	43	240693	95.927	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	108783	20.695	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	77156	19.579	ug/l	87
28) Bromochloromethane	7.818	49	67166	20.523	ug/l #	71
29) Tetrahydrofuran	7.841	42	151335	93.257	ug/l #	75
30) Chloroform	7.971	83	134646	19.374	ug/l	100
31) Cyclohexane	8.259	56	113948	18.847	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	115870	19.812	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	97987	19.483	ug/l	94
37) Ethyl Acetate	7.565	43	98020	19.587	ug/l #	90
38) Carbon Tetrachloride	8.365	117	96929	19.251	ug/l	99
39) Methylcyclohexane	9.606	83	96697	20.012	ug/l #	87
40) Benzene	8.606	78	301348	20.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51958	19.749	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	106753	19.669	ug/l	97
43) Isopropyl Acetate	8.694	43	165300	18.854	ug/l #	88
44) Trichloroethene	9.353	130	67723	19.264	ug/l	96
45) 1,2-Dichloropropane	9.624	63	78081	19.841	ug/l	98
46) Dibromomethane	9.712	93	52412	20.563	ug/l	99
47) Bromodichloromethane	9.894	83	107427	20.490	ug/l	97
48) Methyl methacrylate	9.682	41	73242	19.495	ug/l #	79
49) 1,4-Dioxane	9.694	88	26790	387.120	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	480413	97.067	ug/l	88
52) Toluene	10.635	92	178761	20.332	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	107606	20.366	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	118137	20.425	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	68700	19.463	ug/l	91
56) Ethyl methacrylate	10.876	69	96601	19.916	ug/l #	79
57) 1,3-Dichloropropane	11.165	76	125890	20.655	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	182664	98.338	ug/l #	88
59) 2-Hexanone	11.200	43	346863	97.122	ug/l	87
60) Dibromochloromethane	11.359	129	71900	20.268	ug/l	100
61) 1,2-Dibromoethane	11.470	107	67602	19.299	ug/l	99
64) Tetrachloroethene	11.112	164	54240	19.051	ug/l	87
65) Chlorobenzene	11.894	112	180727	19.609	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	68093	20.178	ug/l	97
67) Ethyl Benzene	11.970	91	324694	20.268	ug/l	96
68) m/p-Xylenes	12.076	106	243219	41.785	ug/l	94
69) o-Xylene	12.406	106	115451	20.168	ug/l	94
70) Styrene	12.417	104	187762	20.766	ug/l	97
71) Bromoform	12.582	173	46993	19.027	ug/l #	99
73) Isopropylbenzene	12.700	105	296736	19.156	ug/l	99
74) N-amyl acetate	12.500	43	116756	18.385	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	102155	19.695	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	91701m	19.101	ug/l	
77) Bromobenzene	12.982	156	67933	17.885	ug/l	95
78) n-propylbenzene	13.041	91	346497	19.770	ug/l	97
79) 2-Chlorotoluene	13.129	91	210417	18.762	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	247835	20.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28709	17.351	ug/l #	76
82) 4-Chlorotoluene	13.223	91	202363	18.962	ug/l	99
83) tert-Butylbenzene	13.441	119	198768	19.861	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	242640	20.814	ug/l	100
85) sec-Butylbenzene	13.617	105	282565	20.242	ug/l	99
86) p-Isopropyltoluene	13.735	119	222951	20.819	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	116176	19.284	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	111562	17.935	ug/l	98
89) n-Butylbenzene	14.059	91	166691	19.492	ug/l	98
90) Hexachloroethane	14.335	117	47022	21.023	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	112873	19.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15168	16.934	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	29886	16.421	ug/l	98
94) Hexachlorobutadiene	15.505	225	26455	18.663	ug/l	97
95) Naphthalene	15.641	128	69397	12.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	32549	14.987	ug/l	99

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

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