

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079464.D
 Acq On : 09 Oct 2023 11:49
 Operator : JC\MD
 Sample : VN1009WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 23:11:57 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	8.230	168	268921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	424219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229469	52.626	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.260%			
35) Dibromofluoromethane	8.171	113	178991	51.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	10.571	98	688617	54.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.853	95	211824	52.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	82343	21.368	ug/l	98
3) Chloromethane	2.365	50	93489	19.444	ug/l	95
4) Vinyl Chloride	2.518	62	102075	20.410	ug/l	95
5) Bromomethane	2.948	94	58129	19.415	ug/l	99
6) Chloroethane	3.118	64	69246	18.365	ug/l	99
7) Trichlorofluoromethane	3.501	101	124080	21.012	ug/l	99
8) Diethyl Ether	3.959	74	42689	20.278	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	69399	20.111	ug/l	98
10) Methyl Iodide	4.595	142	69770	23.300	ug/l	92
11) Tert butyl alcohol	5.530	59	55486	84.548	ug/l #	92
12) 1,1-Dichloroethene	4.342	96	64310	20.240	ug/l	84
13) Acrolein	4.183	56	81037	124.012	ug/l	96
14) Allyl chloride	5.024	41	101859	19.865	ug/l #	90
15) Acrylonitrile	5.724	53	185410	97.450	ug/l	98
16) Acetone	4.424	43	191421	110.683	ug/l #	86
17) Carbon Disulfide	4.718	76	193870	19.561	ug/l	100
18) Methyl Acetate	5.030	43	156358	18.472	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	211009	20.439	ug/l	97
20) Methylene Chloride	5.283	84	79762	20.708	ug/l #	89
21) trans-1,2-Dichloroethene	5.789	96	72817	19.622	ug/l #	78
22) Diisopropyl ether	6.677	45	242318	21.076	ug/l #	92
23) Vinyl Acetate	6.606	43	671783	103.873	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	147222	20.922	ug/l	99
25) 2-Butanone	7.488	43	257746	100.412	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	116685	21.699	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	80938	20.076	ug/l	84
28) Bromochloromethane	7.818	49	76362	22.808	ug/l #	74
29) Tetrahydrofuran	7.841	42	162561	97.921	ug/l #	75
30) Chloroform	7.971	83	147195	20.704	ug/l	95
31) Cyclohexane	8.259	56	123623	19.987	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	127627	21.331	ug/l	95
36) 1,1-Dichloropropene	8.377	75	108541	20.869	ug/l	94
37) Ethyl Acetate	7.565	43	97132	18.768	ug/l #	92
38) Carbon Tetrachloride	8.365	117	107874	20.718	ug/l	97
39) Methylcyclohexane	9.606	83	106538	21.320	ug/l #	82
40) Benzene	8.612	78	321438	20.810	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52254	19.205	ug/l	87
42) 1,2-Dichloroethane	8.671	62	115530	20.584	ug/l	97
43) Isopropyl Acetate	8.694	43	186909	20.614	ug/l #	85
44) Trichloroethene	9.353	130	73339	20.173	ug/l	99
45) 1,2-Dichloropropane	9.624	63	84230	20.696	ug/l	99
46) Dibromomethane	9.712	93	55529	21.067	ug/l	94
47) Bromodichloromethane	9.894	83	117077	21.593	ug/l #	96
48) Methyl methacrylate	9.682	41	77432	19.929	ug/l #	80
49) 1,4-Dioxane	9.694	88	27998	391.215	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	514977	100.615	ug/l	89
52) Toluene	10.635	92	195897	21.545	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	114638	20.980	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	127361	21.293	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	76395	20.928	ug/l	93
56) Ethyl methacrylate	10.877	69	106380	21.208	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	129608	20.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	232983	121.285	ug/l #	88
59) 2-Hexanone	11.200	43	371917	100.697	ug/l	87
60) Dibromochloromethane	11.365	129	80149	21.847	ug/l	98
61) 1,2-Dibromoethane	11.471	107	73588	20.314	ug/l	99
64) Tetrachloroethene	11.106	164	58952	20.201	ug/l	96
65) Chlorobenzene	11.894	112	197395	20.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	73437	21.230	ug/l	95
67) Ethyl Benzene	11.965	91	356284	21.697	ug/l	96
68) m/p-Xylenes	12.076	106	266727	44.705	ug/l	95
69) o-Xylene	12.400	106	127238	21.685	ug/l	96
70) Styrene	12.418	104	204489	22.063	ug/l	98
71) Bromoform	12.582	173	51299	20.263	ug/l #	99
73) Isopropylbenzene	12.700	105	322122	19.933	ug/l	100
74) N-amyl acetate	12.500	43	125098	18.883	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	113981	21.151	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	97243m	19.416	ug/l	
77) Bromobenzene	12.982	156	75263	18.994	ug/l	95
78) n-propylbenzene	13.041	91	383519	20.976	ug/l	96
79) 2-Chlorotoluene	13.129	91	230494	19.701	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	269854	21.177	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	33659	19.500	ug/l	85
82) 4-Chlorotoluene	13.229	91	218389	19.616	ug/l	99
83) tert-Butylbenzene	13.441	119	211730	20.280	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	263380	21.658	ug/l	100
85) sec-Butylbenzene	13.618	105	306737	21.063	ug/l	99
86) p-Isopropyltoluene	13.735	119	241986	21.661	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	129053	20.535	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	120580	18.581	ug/l	99
89) n-Butylbenzene	14.059	91	188020	21.076	ug/l	99
90) Hexachloroethane	14.335	117	52450	22.552	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	120908	19.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16206	17.343	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	32330	17.028	ug/l	98
94) Hexachlorobutadiene	15.506	225	28568	19.319	ug/l	96
95) Naphthalene	15.647	128	78324	13.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	36524	16.120	ug/l	97

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

