

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079437.D
 Acq On : 06 Oct 2023 10:55
 Operator : JC\MD
 Sample : VN1006WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 06 23:00:30 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	241963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	429428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	387882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196128	49.991	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.980%		
35) Dibromofluoromethane	8.171	113	152368	49.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.571	98	588415	52.696	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.400%		
62) 4-Bromofluorobenzene	12.853	95	180137	50.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	68131	19.650	ug/l	98
3) Chloromethane	2.365	50	78123	18.058	ug/l	98
4) Vinyl Chloride	2.518	62	82598	18.355	ug/l	96
5) Bromomethane	2.953	94	49206	18.266	ug/l	99
6) Chloroethane	3.118	64	56061	16.525	ug/l	93
7) Trichlorofluoromethane	3.500	101	99363	18.701	ug/l	99
8) Diethyl Ether	3.965	74	34941	18.447	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	55094	17.744	ug/l	99
10) Methyl Iodide	4.589	142	52381	19.442	ug/l	94
11) Tert butyl alcohol	5.524	59	47604	80.619	ug/l	99
12) 1,1-Dichloroethene	4.347	96	51150	17.892	ug/l	90
13) Acrolein	4.189	56	49233	83.736	ug/l	99
14) Allyl chloride	5.030	41	79458	17.223	ug/l #	90
15) Acrylonitrile	5.724	53	159096	92.936	ug/l	97
16) Acetone	4.430	43	154374	99.206	ug/l	94
17) Carbon Disulfide	4.718	76	156461	17.546	ug/l	98
18) Methyl Acetate	5.030	43	126255	16.577	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	169063	18.201	ug/l	98
20) Methylene Chloride	5.283	84	64788	18.635	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	57362	17.179	ug/l #	82
22) Diisopropyl ether	6.677	45	193265	18.682	ug/l #	91
23) Vinyl Acetate	6.612	43	531569	91.350	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	115462	18.237	ug/l	98
25) 2-Butanone	7.488	43	210872	91.304	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	92319	19.080	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	66086	18.219	ug/l	84
28) Bromochloromethane	7.818	49	61261	20.336	ug/l #	73
29) Tetrahydrofuran	7.847	42	136911	91.659	ug/l #	75
30) Chloroform	7.971	83	115924	18.122	ug/l	98
31) Cyclohexane	8.259	56	99869	17.946	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	99667	18.514	ug/l	93
36) 1,1-Dichloropropene	8.377	75	85048	18.362	ug/l	96
37) Ethyl Acetate	7.565	43	84122	18.253	ug/l #	89
38) Carbon Tetrachloride	8.365	117	86117	18.573	ug/l	93
39) Methylcyclohexane	9.606	83	84039	18.885	ug/l #	85
40) Benzene	8.612	78	261084	18.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	41082	16.956	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	93379	18.683	ug/l	97
43) Isopropyl Acetate	8.694	43	136487	16.904	ug/l #	90
44) Trichloroethene	9.353	130	58203	17.978	ug/l	94
45) 1,2-Dichloropropane	9.629	63	67174	18.535	ug/l	95
46) Dibromomethane	9.718	93	45327	19.311	ug/l	99
47) Bromodichloromethane	9.888	83	90280	18.698	ug/l	95
48) Methyl methacrylate	9.688	41	61431	17.755	ug/l #	82
49) 1,4-Dioxane	9.700	88	22916	359.574	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	425114	93.270	ug/l	88
52) Toluene	10.635	92	157817	19.491	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	89558	18.406	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	98469	18.486	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	60518	18.617	ug/l	96
56) Ethyl methacrylate	10.876	69	83077	18.599	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	108268	19.289	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	178328	104.247	ug/l	89
59) 2-Hexanone	11.200	43	306381	93.153	ug/l	86
60) Dibromochloromethane	11.359	129	62163	19.028	ug/l	100
61) 1,2-Dibromoethane	11.476	107	59627	18.484	ug/l	99
64) Tetrachloroethene	11.106	164	49606	18.591	ug/l	97
65) Chlorobenzene	11.894	112	158040	18.296	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	56166	17.758	ug/l	97
67) Ethyl Benzene	11.970	91	283142	18.858	ug/l	96
68) m/p-Xylenes	12.076	106	215226	39.452	ug/l	98
69) o-Xylene	12.406	106	98214	18.306	ug/l	91
70) Styrene	12.417	104	160166	18.900	ug/l	96
71) Bromoform	12.582	173	40421	17.462	ug/l #	100
73) Isopropylbenzene	12.700	105	257394	17.635	ug/l	98
74) N-amyl acetate	12.500	43	101516	16.966	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	91707	18.706	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	80971m	17.900	ug/l	
77) Bromobenzene	12.982	156	59903	16.738	ug/l	95
78) n-propylbenzene	13.041	91	305118	18.477	ug/l	96
79) 2-Chlorotoluene	13.129	91	182747	17.294	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	214270	18.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24555	15.750	ug/l #	81
82) 4-Chlorotoluene	13.223	91	175011	17.405	ug/l	99
83) tert-Butylbenzene	13.441	119	174613	18.517	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	205702	18.728	ug/l	100
85) sec-Butylbenzene	13.623	105	240035	18.250	ug/l	99
86) p-Isopropyltoluene	13.735	119	191487	18.977	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	100325	17.674	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	98813	16.859	ug/l	99
89) n-Butylbenzene	14.059	91	147280	18.278	ug/l	97
90) Hexachloroethane	14.341	117	38229	17.993	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	96924	17.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13263	15.715	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	26080	15.208	ug/l	97
94) Hexachlorobutadiene	15.506	225	22860	17.116	ug/l	97
95) Naphthalene	15.647	128	62481	11.932	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	28313	13.836	ug/l	95

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

