

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079567.D
 Acq On : 13 Oct 2023 13:01
 Operator : JC\MD
 Sample : VN1013WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1013WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/16/2023
 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 13 23:30:57 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	8.229	168	253575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	439766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	395653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	209956	51.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	8.171	113	168555	53.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	10.570	98	634714	55.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.020%			
62) 4-Bromofluorobenzene	12.853	95	198700	54.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	73360	20.189	ug/l	99
3) Chloromethane	2.365	50	81127	17.894	ug/l	100
4) Vinyl Chloride	2.518	62	91365	19.374	ug/l	98
5) Bromomethane	2.953	94	53577	18.978	ug/l	97
6) Chloroethane	3.118	64	62164	17.485	ug/l	99
7) Trichlorofluoromethane	3.500	101	109906	19.739	ug/l	94
8) Diethyl Ether	3.971	74	38928	19.611	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	64091	19.697	ug/l	100
10) Methyl Iodide	4.594	142	63735	22.573	ug/l	98
11) Tert butyl alcohol	5.530	59	53752	86.863	ug/l	100
12) 1,1-Dichloroethene	4.347	96	58770	19.616	ug/l	93
13) Acrolein	4.189	56	53775	87.273	ug/l	97
14) Allyl chloride	5.030	41	90750	18.770	ug/l	90
15) Acrylonitrile	5.724	53	176284	98.260	ug/l	100
16) Acetone	4.430	43	174725	107.143	ug/l	92
17) Carbon Disulfide	4.718	76	161395	17.270	ug/l	98
18) Methyl Acetate	5.030	43	143328	17.957	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	197090	20.246	ug/l	96
20) Methylene Chloride	5.277	84	72379	19.906	ug/l #	75
21) trans-1,2-Dichloroethene	5.794	96	66220	18.924	ug/l #	78
22) Diisopropyl ether	6.677	45	225239	20.776	ug/l #	92
23) Vinyl Acetate	6.606	43	606322	99.425	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	130393	19.652	ug/l	99
25) 2-Butanone	7.488	43	239513	98.956	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	108681	21.433	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	75161	19.772	ug/l	87
28) Bromochloromethane	7.818	49	66900	21.191	ug/l #	72
29) Tetrahydrofuran	7.841	42	152278	97.278	ug/l #	75
30) Chloroform	7.971	83	136144	20.308	ug/l	93
31) Cyclohexane	8.259	56	106017	18.178	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	115341	20.444	ug/l	94
36) 1,1-Dichloropropene	8.377	75	96887	20.427	ug/l	95
37) Ethyl Acetate	7.565	43	95123	20.155	ug/l #	90
38) Carbon Tetrachloride	8.365	117	98206	20.682	ug/l	98
39) Methylcyclohexane	9.606	83	87367	19.172	ug/l #	85
40) Benzene	8.612	78	288187	20.458	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	45771	18.447	ug/l	87
42) 1,2-Dichloroethane	8.677	62	107192	20.942	ug/l	98
43) Isopropyl Acetate	8.694	43	165992	20.075	ug/l #	87
44) Trichloroethene	9.359	130	67145	20.252	ug/l	98
45) 1,2-Dichloropropane	9.623	63	77236	20.810	ug/l	92
46) Dibromomethane	9.718	93	51157	21.282	ug/l	96
47) Bromodichloromethane	9.894	83	104318	21.097	ug/l	97
48) Methyl methacrylate	9.682	41	70308	19.843	ug/l #	81
49) 1,4-Dioxane	9.700	88	28524	437.047	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	480929	103.035	ug/l	89
52) Toluene	10.635	92	178012	21.468	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	107915	21.657	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	113603	20.826	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	70412	21.152	ug/l	96
56) Ethyl methacrylate	10.876	69	98556	21.546	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	122632	21.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	177513	101.331	ug/l	89
59) 2-Hexanone	11.200	43	346131	102.764	ug/l	88
60) Dibromochloromethane	11.365	129	73011	21.823	ug/l	100
61) 1,2-Dibromoethane	11.470	107	69172	20.938	ug/l	97
64) Tetrachloroethene	11.106	164	53936	19.816	ug/l	97
65) Chlorobenzene	11.894	112	182370	20.697	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	67117	20.804	ug/l	99
67) Ethyl Benzene	11.970	91	322874	21.082	ug/l	97
68) m/p-Xylenes	12.076	106	242240	43.532	ug/l	95
69) o-Xylene	12.400	106	114454	20.914	ug/l	94
70) Styrene	12.417	104	188560	21.814	ug/l	97
71) Bromoform	12.582	173	46803	19.822	ug/l #	100
73) Isopropylbenzene	12.700	105	290224	19.151	ug/l	99
74) N-amyl acetate	12.500	43	117202	18.864	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	103087	20.354	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	92017m	19.591	ug/l	
77) Bromobenzene	12.982	156	69347	18.662	ug/l	97
78) n-propylbenzene	13.041	91	345623	20.157	ug/l	97
79) 2-Chlorotoluene	13.129	91	212578	19.375	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	242682	20.307	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	29705	18.351	ug/l #	85
82) 4-Chlorotoluene	13.223	91	207299	19.855	ug/l	100
83) tert-Butylbenzene	13.441	119	189895	19.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	240179	21.060	ug/l	99
85) sec-Butylbenzene	13.623	105	268796	19.682	ug/l	100
86) p-Isopropyltoluene	13.735	119	213846	20.411	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	121771	20.661	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	117372	19.287	ug/l	98
89) n-Butylbenzene	14.064	91	168066	20.088	ug/l	97
90) Hexachloroethane	14.341	117	43100	19.629	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	116294	20.229	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14680	16.752	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	33529	18.831	ug/l	97
94) Hexachlorobutadiene	15.505	225	27051	19.507	ug/l	96
95) Naphthalene	15.647	128	84021	15.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	36674	17.260	ug/l	95

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

