

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079611.D
 Acq On : 19 Oct 2023 12:02
 Operator : JC\MD
 Sample : VN1019WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 01:27:17 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	228709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	358624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179604	48.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.860%		
35) Dibromofluoromethane	8.171	113	142185	49.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	10.571	98	520304	50.079	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.853	95	161343	48.390	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	58367	17.810	ug/l	96
3) Chloromethane	2.365	50	67581	16.527	ug/l	98
4) Vinyl Chloride	2.518	62	73169	17.202	ug/l	98
5) Bromomethane	2.959	94	44899	17.633	ug/l	94
6) Chloroethane	3.124	64	48945	15.263	ug/l	95
7) Trichlorofluoromethane	3.500	101	91231	18.166	ug/l	99
8) Diethyl Ether	3.965	74	33466	18.692	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	53722	18.305	ug/l	97
10) Methyl Iodide	4.589	142	51906	20.382	ug/l	98
11) Tert butyl alcohol	5.524	59	45198	80.981	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	47516	17.584	ug/l #	81
13) Acrolein	4.189	56	58162	104.656	ug/l	96
14) Allyl chloride	5.030	41	70196	16.097	ug/l	91
15) Acrylonitrile	5.718	53	148864	91.998	ug/l	99
16) Acetone	4.430	43	141630	96.291	ug/l	95
17) Carbon Disulfide	4.712	76	132025	15.663	ug/l	96
18) Methyl Acetate	5.030	43	122844	17.064	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	166916	19.011	ug/l	93
20) Methylene Chloride	5.289	84	62151	18.922	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	54108	17.144	ug/l #	77
22) Diisopropyl ether	6.677	45	188282	19.255	ug/l #	92
23) Vinyl Acetate	6.606	43	501139	91.111	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	108799	18.180	ug/l	95
25) 2-Butanone	7.488	43	201399	92.255	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	89200	19.504	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	63879	18.631	ug/l	86
28) Bromochloromethane	7.818	49	37979	13.338	ug/l #	75
29) Tetrahydrofuran	7.847	42	122451	86.729	ug/l #	77
30) Chloroform	7.971	83	114336	18.909	ug/l	98
31) Cyclohexane	8.259	56	85305	16.217	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	96147	18.895	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78225	18.151	ug/l	95
37) Ethyl Acetate	7.571	43	80403	18.750	ug/l #	91
38) Carbon Tetrachloride	8.365	117	79363	18.395	ug/l	98
39) Methylcyclohexane	9.606	83	73147	17.666	ug/l	90
40) Benzene	8.612	78	243683	19.040	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	42183	18.711	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	89163	19.172	ug/l	97
43) Isopropyl Acetate	8.694	43	128325	17.081	ug/l #	90
44) Trichloroethene	9.359	130	56894	18.887	ug/l	97
45) 1,2-Dichloropropane	9.624	63	65268	19.355	ug/l	99
46) Dibromomethane	9.712	93	43811	20.060	ug/l	96
47) Bromodichloromethane	9.894	83	88449	19.688	ug/l	96
48) Methyl methacrylate	9.682	41	55427	17.217	ug/l	85
49) 1,4-Dioxane	9.694	88	21450	361.727	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	405839	95.696	ug/l	88
52) Toluene	10.635	92	146290	19.418	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	85300	18.841	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	97385	19.649	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	58886	19.469	ug/l	93
56) Ethyl methacrylate	10.882	69	79774	19.194	ug/l #	80
57) 1,3-Dichloropropane	11.171	76	103960	19.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	178656	112.245	ug/l #	87
59) 2-Hexanone	11.200	43	287229	93.857	ug/l	87
60) Dibromochloromethane	11.365	129	61650	20.281	ug/l	98
61) 1,2-Dibromoethane	11.470	107	57527	19.166	ug/l	100
64) Tetrachloroethene	11.112	164	47860	19.400	ug/l	96
65) Chlorobenzene	11.894	112	150229	18.810	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	56823	19.431	ug/l	97
67) Ethyl Benzene	11.970	91	260095	18.737	ug/l	96
68) m/p-Xylenes	12.076	106	195630	38.786	ug/l	93
69) o-Xylene	12.406	106	91120	18.370	ug/l	87
70) Styrene	12.417	104	154508	19.720	ug/l	98
71) Bromoform	12.576	173	39826	18.608	ug/l #	98
73) Isopropylbenzene	12.700	105	237012	17.988	ug/l	99
74) N-amyl acetate	12.500	43	92118	17.053	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	89399	20.299	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	76383m	18.705	ug/l	
77) Bromobenzene	12.982	156	56872	17.603	ug/l	93
78) n-propylbenzene	13.041	91	286271	19.203	ug/l	96
79) 2-Chlorotoluene	13.129	91	172360	18.068	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	195246	18.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23389	16.619	ug/l #	78
82) 4-Chlorotoluene	13.229	91	168599	18.573	ug/l	99
83) tert-Butylbenzene	13.441	119	157527	18.505	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	196620	19.829	ug/l	100
85) sec-Butylbenzene	13.623	105	222384	18.729	ug/l	100
86) p-Isopropyltoluene	13.735	119	174416	19.148	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	98310	19.185	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	94796	17.916	ug/l	99
89) n-Butylbenzene	14.059	91	137697	18.930	ug/l	97
90) Hexachloroethane	14.335	117	35634	18.613	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	95850	19.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12246	16.073	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	24602	15.892	ug/l	99
94) Hexachlorobutadiene	15.506	225	22124	18.350	ug/l	97
95) Naphthalene	15.647	128	64447	13.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	29955	16.215	ug/l	94

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

