

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079610.D
 Acq On : 19 Oct 2023 11:28
 Operator : JC\MD
 Sample : VN1019WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 01:26:35 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	282673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229099	49.985	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.980%		
35) Dibromofluoromethane	8.171	113	184148	53.098	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.200%		
50) Toluene-d8	10.571	98	694091	55.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.620%		
62) 4-Bromofluorobenzene	12.853	95	218165	54.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	78494	19.379	ug/l	97
3) Chloromethane	2.365	50	87232	17.260	ug/l	97
4) Vinyl Chloride	2.518	62	101225	19.255	ug/l	97
5) Bromomethane	2.954	94	57420	18.245	ug/l	99
6) Chloroethane	3.118	64	67145	16.941	ug/l	99
7) Trichlorofluoromethane	3.495	101	123432	19.886	ug/l	94
8) Diethyl Ether	3.965	74	44901	20.291	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	71421	19.690	ug/l	98
10) Methyl Iodide	4.595	142	71960	22.862	ug/l	99
11) Tert butyl alcohol	5.518	59	53726	77.884	ug/l	99
12) 1,1-Dichloroethene	4.342	96	62568	18.734	ug/l #	81
13) Acrolein	4.177	56	51150	74.468	ug/l	99
14) Allyl chloride	5.030	41	97304	18.054	ug/l #	86
15) Acrylonitrile	5.724	53	188431	94.219	ug/l	99
16) Acetone	4.430	43	189171	104.060	ug/l	96
17) Carbon Disulfide	4.718	76	178923	17.175	ug/l	98
18) Methyl Acetate	5.030	43	157704	17.724	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	218735	20.157	ug/l	95
20) Methylene Chloride	5.283	84	81823	20.195	ug/l #	77
21) trans-1,2-Dichloroethene	5.794	96	74095	18.995	ug/l	86
22) Diisopropyl ether	6.677	45	251202	20.785	ug/l #	90
23) Vinyl Acetate	6.606	43	663777	97.642	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	146927	19.864	ug/l	99
25) 2-Butanone	7.489	43	255409	94.661	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	117354	20.761	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	84411	19.919	ug/l	88
28) Bromochloromethane	7.812	49	62886	17.869	ug/l #	73
29) Tetrahydrofuran	7.841	42	164409	94.216	ug/l #	75
30) Chloroform	7.971	83	149657	20.026	ug/l	94
31) Cyclohexane	8.265	56	120125	18.477	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	130139	20.693	ug/l	96
36) 1,1-Dichloropropene	8.377	75	109024	20.946	ug/l	95
37) Ethyl Acetate	7.565	43	104249	20.128	ug/l #	91
38) Carbon Tetrachloride	8.365	117	108480	20.818	ug/l	98
39) Methylcyclohexane	9.606	83	96304	19.257	ug/l #	85
40) Benzene	8.612	78	321363	20.789	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52176	19.162	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	116298	20.705	ug/l	99
43) Isopropyl Acetate	8.694	43	162437	17.902	ug/l #	91
44) Trichloroethene	9.359	130	75079	20.635	ug/l	100
45) 1,2-Dichloropropane	9.624	63	88024	21.612	ug/l	97
46) Dibromomethane	9.712	93	56757	21.516	ug/l	96
47) Bromodichloromethane	9.894	83	118123	21.769	ug/l	99
48) Methyl methacrylate	9.688	41	78931	20.299	ug/l #	79
49) 1,4-Dioxane	9.700	88	26290	367.069	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	518771	101.279	ug/l	89
52) Toluene	10.635	92	197431	21.697	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	116712	21.344	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	128743	21.507	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	80497	22.035	ug/l	96
56) Ethyl methacrylate	10.877	69	108052	21.525	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	138614	21.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	104834	54.532	ug/l #	87
59) 2-Hexanone	11.200	43	381416	103.191	ug/l	85
60) Dibromochloromethane	11.365	129	81358	22.160	ug/l	100
61) 1,2-Dibromoethane	11.471	107	77676	21.426	ug/l	95
64) Tetrachloroethene	11.106	164	65432	21.688	ug/l	96
65) Chlorobenzene	11.894	112	204188	20.906	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75425	21.091	ug/l	98
67) Ethyl Benzene	11.971	91	365766	21.546	ug/l	96
68) m/p-Xylenes	12.071	106	273823	44.393	ug/l	96
69) o-Xylene	12.400	106	132272	21.805	ug/l	96
70) Styrene	12.418	104	216964	22.644	ug/l	100
71) Bromoform	12.582	173	52357	20.004	ug/l #	99
73) Isopropylbenzene	12.700	105	334345	19.811	ug/l	98
74) N-amyl acetate	12.500	43	125510	18.140	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	113341	20.080	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	101595m	19.424	ug/l	
77) Bromobenzene	12.988	156	78236	18.906	ug/l	95
78) n-propylbenzene	13.041	91	398120	20.850	ug/l	97
79) 2-Chlorotoluene	13.129	91	236431	19.350	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	277205	20.830	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31404	17.421	ug/l #	73
82) 4-Chlorotoluene	13.223	91	238072	20.476	ug/l	97
83) tert-Butylbenzene	13.441	119	223740	20.520	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	270964	21.335	ug/l	99
85) sec-Butylbenzene	13.618	105	311364	20.473	ug/l	99
86) p-Isopropyltoluene	13.735	119	247866	21.245	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	134621	20.511	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	130474	19.252	ug/l	98
89) n-Butylbenzene	14.059	91	192077	20.616	ug/l	97
90) Hexachloroethane	14.335	117	49400	20.234	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	124346	19.422	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16385	16.790	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	34745	17.523	ug/l	99
94) Hexachlorobutadiene	15.506	225	30764	19.921	ug/l	98
95) Naphthalene	15.647	128	85864	14.181	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	38016	16.066	ug/l	97

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

