

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083753.D
 Acq On : 10 Sep 2024 15:34
 Operator : JC\MD
 Sample : VN0910WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBS01

Quant Time: Sep 11 03:13:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	162351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122332	49.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.940%		
35) Dibromofluoromethane	8.165	113	86868	48.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	10.565	98	315474	50.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.540%		
62) 4-Bromofluorobenzene	12.847	95	121173	47.270	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35252	18.697	ug/l	95
3) Chloromethane	2.359	50	37133	18.109	ug/l	94
4) Vinyl Chloride	2.512	62	36153	17.494	ug/l	98
5) Bromomethane	2.906	94	20477	17.257	ug/l	94
6) Chloroethane	3.077	64	23264	16.048	ug/l	99
7) Trichlorofluoromethane	3.471	101	61585	17.556	ug/l	100
8) Diethyl Ether	3.948	74	20270	17.238	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.348	101	33101	17.802	ug/l	97
10) Methyl Iodide	4.577	142	41582	17.584	ug/l	93
11) Tert butyl alcohol	5.530	59	30503	93.050	ug/l #	86
12) 1,1-Dichloroethene	4.324	96	30920	17.608	ug/l	97
13) Acrolein	4.177	56	32538	100.599	ug/l	98
14) Allyl chloride	5.018	41	56194	17.959	ug/l	98
15) Acrylonitrile	5.718	53	80905	90.752	ug/l	99
16) Acetone	4.430	43	94256	96.047	ug/l	96
17) Carbon Disulfide	4.700	76	81669	16.626	ug/l	100
18) Methyl Acetate	5.024	43	40141	18.461	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	113425	17.850	ug/l	100
20) Methylene Chloride	5.271	84	35985	17.919	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	31149	16.552	ug/l	93
22) Diisopropyl ether	6.671	45	113491	17.620	ug/l	98
23) Vinyl Acetate	6.600	43	428958	90.941	ug/l	100
24) 1,1-Dichloroethane	6.559	63	64282	17.323	ug/l	99
25) 2-Butanone	7.483	43	120702	93.580	ug/l	100
26) 2,2-Dichloropropane	7.489	77	62359	18.248	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	39550	17.704	ug/l	97
28) Bromochloromethane	7.812	49	34873	22.316	ug/l	95
29) Tetrahydrofuran	7.836	42	70655	92.642	ug/l	99
30) Chloroform	7.959	83	69388	17.613	ug/l	87
31) Cyclohexane	8.253	56	58772	16.611	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	64940	17.927	ug/l	96
36) 1,1-Dichloropropene	8.365	75	45106	16.674	ug/l	99
37) Ethyl Acetate	7.559	43	45824	18.662	ug/l	99
38) Carbon Tetrachloride	8.359	117	54184	17.655	ug/l	97
39) Methylcyclohexane	9.600	83	54951	17.846	ug/l	98
40) Benzene	8.606	78	142807	17.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26586	18.306	ug/l	100
42) 1,2-Dichloroethane	8.665	62	55145	18.125	ug/l	99
43) Isopropyl Acetate	8.688	43	80526	18.097	ug/l	97
44) Trichloroethene	9.347	130	32252	17.105	ug/l	94
45) 1,2-Dichloropropane	9.618	63	34698	17.632	ug/l	98
46) Dibromomethane	9.706	93	25014	18.147	ug/l	99
47) Bromodichloromethane	9.888	83	54114	18.140	ug/l	94
48) Methyl methacrylate	9.682	41	38216	18.102	ug/l	98
49) 1,4-Dioxane	9.694	88	12847	369.924	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	228491	94.333	ug/l	98
52) Toluene	10.629	92	90757	18.223	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52931	17.505	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55186	17.375	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	32397	17.424	ug/l	96
56) Ethyl methacrylate	10.877	69	53795	18.805	ug/l	96
57) 1,3-Dichloropropane	11.165	76	58321	18.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	95385	92.540	ug/l	99
59) 2-Hexanone	11.194	43	173148	96.637	ug/l	97
60) Dibromochloromethane	11.353	129	38399	18.454	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33841	18.250	ug/l	98
64) Tetrachloroethene	11.106	164	27769	16.902	ug/l	94
65) Chlorobenzene	11.894	112	92980	16.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32451	17.048	ug/l	96
67) Ethyl Benzene	11.965	91	169809	17.409	ug/l	97
68) m/p-Xylenes	12.071	106	126551	34.947	ug/l	99
69) o-Xylene	12.400	106	62102	17.715	ug/l	99
70) Styrene	12.412	104	103019	17.906	ug/l	99
71) Bromoform	12.576	173	23674	18.457	ug/l #	98
73) Isopropylbenzene	12.694	105	159651	17.415	ug/l	99
74) N-amyl acetate	12.494	43	70315	17.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	46843	17.390	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	41144m	17.643	ug/l	
77) Bromobenzene	12.976	156	38245	17.331	ug/l	97
78) n-propylbenzene	13.035	91	188282	17.652	ug/l	97
79) 2-Chlorotoluene	13.123	91	118924	17.482	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	136142	17.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15684	17.180	ug/l	91
82) 4-Chlorotoluene	13.223	91	118725	17.392	ug/l	100
83) tert-Butylbenzene	13.435	119	119007	17.599	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	137616	17.725	ug/l	97
85) sec-Butylbenzene	13.618	105	157073	17.515	ug/l	99
86) p-Isopropyltoluene	13.729	119	131799	17.532	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67788	16.277	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	67622	16.035	ug/l	97
89) n-Butylbenzene	14.059	91	111665	16.544	ug/l	99
90) Hexachloroethane	14.335	117	26417	17.481	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	67739	16.853	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10143	18.890	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	34603	16.043	ug/l	99
94) Hexachlorobutadiene	15.500	225	15029	16.408	ug/l	99
95) Naphthalene	15.641	128	111998	17.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33107	16.061	ug/l	98

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

