

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084963.D
 Acq On : 20 Nov 2024 12:45
 Operator : JC\MD
 Sample : VN1120WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS01

Quant Time: Nov 21 00:35:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110339	45.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.165	113	89383	46.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.460%		
50) Toluene-d8	10.565	98	313886	44.546	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.847	95	125081	47.498	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38619	20.134	ug/l	90
3) Chloromethane	2.359	50	41298	16.668	ug/l	89
4) Vinyl Chloride	2.512	62	38984	18.896	ug/l	98
5) Bromomethane	2.900	94	20064	18.355	ug/l	94
6) Chloroethane	3.065	64	25530	19.130	ug/l	94
7) Trichlorofluoromethane	3.465	101	65160	19.173	ug/l	98
8) Diethyl Ether	3.953	74	22590	18.843	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	36279	18.892	ug/l	99
10) Methyl Iodide	4.571	142	49816	19.410	ug/l	96
11) Tert butyl alcohol	5.541	59	33635	105.734	ug/l #	91
12) 1,1-Dichloroethene	4.324	96	33424	17.590	ug/l	95
13) Acrolein	4.171	56	30965	97.617	ug/l	96
14) Allyl chloride	5.012	41	58211	18.890	ug/l	91
15) Acrylonitrile	5.718	53	93292	101.304	ug/l	99
16) Acetone	4.430	43	69336	97.863	ug/l	99
17) Carbon Disulfide	4.700	76	97596	16.678	ug/l	97
18) Methyl Acetate	5.024	43	49321	16.740	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	114008	19.575	ug/l	98
20) Methylene Chloride	5.265	84	38692	18.254	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	35912	18.406	ug/l	98
22) Diisopropyl ether	6.665	45	118625	19.373	ug/l	98
23) Vinyl Acetate	6.600	43	425132	100.681	ug/l	99
24) 1,1-Dichloroethane	6.559	63	69262	18.841	ug/l	99
25) 2-Butanone	7.482	43	120769	107.414	ug/l	99
26) 2,2-Dichloropropane	7.477	77	61679	19.277	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	42640	18.716	ug/l	98
28) Bromochloromethane	7.812	49	29904	20.417	ug/l	94
29) Tetrahydrofuran	7.841	42	80410	107.803	ug/l	96
30) Chloroform	7.959	83	70955	18.963	ug/l	93
31) Cyclohexane	8.253	56	62372	18.746	ug/l #	95
32) 1,1,1-Trichloroethane	8.165	97	65655	19.279	ug/l	94
36) 1,1-Dichloropropene	8.371	75	48040	18.109	ug/l	98
37) Ethyl Acetate	7.559	43	49668	20.635	ug/l	98
38) Carbon Tetrachloride	8.359	117	56403	19.022	ug/l	94
39) Methylcyclohexane	9.600	83	51237	18.985	ug/l	97
40) Benzene	8.600	78	159406	18.711	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26500	20.474	ug/l	95
42) 1,2-Dichloroethane	8.671	62	53404	19.355	ug/l	99
43) Isopropyl Acetate	8.688	43	90757	19.828	ug/l	99
44) Trichloroethene	9.353	130	35873	18.258	ug/l	97
45) 1,2-Dichloropropane	9.618	63	37586	18.807	ug/l	95
46) Dibromomethane	9.706	93	26991	19.139	ug/l	98
47) Bromodichloromethane	9.888	83	54605	18.369	ug/l	95
48) Methyl methacrylate	9.682	41	39534	21.105	ug/l	98
49) 1,4-Dioxane	9.700	88	14431	434.733	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	253682	110.560	ug/l	99
52) Toluene	10.629	92	96622	19.392	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	54815	17.814	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	59577	18.294	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	36185	19.279	ug/l	93
56) Ethyl methacrylate	10.871	69	55852	20.573	ug/l	96
57) 1,3-Dichloropropane	11.159	76	60664	18.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	117051	92.138	ug/l	97
59) 2-Hexanone	11.194	43	189485	113.454	ug/l	98
60) Dibromochloromethane	11.359	129	40881	19.111	ug/l	98
61) 1,2-Dibromoethane	11.470	107	36470	18.975	ug/l	99
64) Tetrachloroethene	11.100	164	30844	18.991	ug/l	98
65) Chlorobenzene	11.888	112	100749	18.444	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	36519	19.221	ug/l	98
67) Ethyl Benzene	11.965	91	172889	18.961	ug/l	99
68) m/p-Xylenes	12.070	106	132605	38.415	ug/l	97
69) o-Xylene	12.394	106	64412	19.947	ug/l	99
70) Styrene	12.412	104	108402	19.244	ug/l	98
71) Bromoform	12.576	173	28507	19.939	ug/l #	100
73) Isopropylbenzene	12.694	105	162383	18.563	ug/l	100
74) N-amyl acetate	12.494	43	71694	19.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53543	18.337	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	45597m	18.273	ug/l	
77) Bromobenzene	12.976	156	40875	17.381	ug/l	96
78) n-propylbenzene	13.035	91	186074	18.152	ug/l	100
79) 2-Chlorotoluene	13.123	91	121339	18.116	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	137886	19.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18977	18.042	ug/l	95
82) 4-Chlorotoluene	13.223	91	118685	16.837	ug/l	96
83) tert-Butylbenzene	13.435	119	116599	19.432	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	139520	18.645	ug/l	98
85) sec-Butylbenzene	13.617	105	153345	18.091	ug/l	99
86) p-Isopropyltoluene	13.729	119	127230	18.303	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73987	16.121	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	73582	16.749	ug/l	99
89) n-Butylbenzene	14.053	91	102192	15.716	ug/l	99
90) Hexachloroethane	14.329	117	26758	17.261	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	74571	16.909	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	10944	18.501	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	34744	14.393	ug/l	99
94) Hexachlorobutadiene	15.494	225	16602	15.662	ug/l	97
95) Naphthalene	15.641	128	113287	15.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	34367	14.666	ug/l	99

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

