

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080315.D
 Acq On : 01 Dec 2023 11:14
 Operator : JC\MD
 Sample : VN1201WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2023
 Supervised By : Semsettin Yesilyurt 12/04/2023

Quant Time: Dec 01 22:31:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	226591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179102	47.871	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.740%		
35) Dibromofluoromethane	8.165	113	131745	51.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.840%		
50) Toluene-d8	10.565	98	467650	50.631	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.847	95	172461	49.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64893	19.226	ug/l	98
3) Chloromethane	2.365	50	43063	16.970	ug/l	97
4) Vinyl Chloride	2.518	62	48340	18.001	ug/l	98
5) Bromomethane	2.959	94	33685	18.477	ug/l	99
6) Chloroethane	3.124	64	31641	17.948	ug/l	92
7) Trichlorofluoromethane	3.500	101	107756	19.235	ug/l	99
8) Diethyl Ether	3.959	74	27823	17.078	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	46855	18.299	ug/l	90
10) Methyl Iodide	4.589	142	48124	17.391	ug/l	90
11) Tert butyl alcohol	5.512	59	33358	81.077	ug/l	99
12) 1,1-Dichloroethene	4.347	96	44504	18.583	ug/l	92
13) Acrolein	4.177	56	26456	72.658	ug/l	95
14) Allyl chloride	5.018	41	51823	17.199	ug/l	91
15) Acrylonitrile	5.718	53	89056	80.629	ug/l	96
16) Acetone	4.430	43	89154	70.946	ug/l	96
17) Carbon Disulfide	4.712	76	121916	17.049	ug/l	98
18) Methyl Acetate	5.024	43	61188	15.155	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	152379	18.017	ug/l	100
20) Methylene Chloride	5.283	84	48362	18.377	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	49582	18.845	ug/l	85
22) Diisopropyl ether	6.671	45	120448	18.068	ug/l	98
23) Vinyl Acetate	6.606	43	340453	84.948	ug/l	94
24) 1,1-Dichloroethane	6.571	63	87468	18.015	ug/l	96
25) 2-Butanone	7.483	43	108772	72.853	ug/l	93
26) 2,2-Dichloropropane	7.494	77	91316	18.956	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	55080	18.465	ug/l	89
28) Bromochloromethane	7.812	49	34245	17.940	ug/l	99
29) Tetrahydrofuran	7.841	42	64589	80.578	ug/l	97
30) Chloroform	7.965	83	103492	19.070	ug/l	97
31) Cyclohexane	8.259	56	68964	16.949	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	102685	19.402	ug/l	98
36) 1,1-Dichloropropene	8.371	75	73230	19.740	ug/l	95
37) Ethyl Acetate	7.559	43	43459	16.889	ug/l	98
38) Carbon Tetrachloride	8.359	117	94344	20.041	ug/l	97
39) Methylcyclohexane	9.606	83	66654	18.635	ug/l	94
40) Benzene	8.606	78	202055	19.164	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	24119	17.068	ug/l	95
42) 1,2-Dichloroethane	8.671	62	90267	20.927	ug/l	94
43) Isopropyl Acetate	8.688	43	74798	14.938	ug/l	97
44) Trichloroethene	9.353	130	55289	19.992	ug/l	99
45) 1,2-Dichloropropane	9.624	63	48207	19.675	ug/l	98
46) Dibromomethane	9.712	93	35601	19.195	ug/l	90
47) Bromodichloromethane	9.888	83	82975	20.338	ug/l	97
48) Methyl methacrylate	9.682	41	45211	17.521	ug/l	93
49) 1,4-Dioxane	9.694	88	14944	348.113	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	223228	86.109	ug/l	98
52) Toluene	10.629	92	130045	19.709	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	78722	18.780	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	83260	19.442	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	49616	19.702	ug/l	99
56) Ethyl methacrylate	10.876	69	47999	18.657	ug/l	90
57) 1,3-Dichloropropane	11.165	76	84879	19.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	111780	77.123	ug/l	99
59) 2-Hexanone	11.194	43	163687	78.578	ug/l	97
60) Dibromochloromethane	11.359	129	60577	20.092	ug/l	98
61) 1,2-Dibromoethane	11.471	107	48245	18.779	ug/l	100
64) Tetrachloroethene	11.106	164	58831	24.910	ug/l	99
65) Chlorobenzene	11.894	112	133501	19.038	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	57024	20.956	ug/l	91
67) Ethyl Benzene	11.965	91	245934	19.710	ug/l	94
68) m/p-Xylenes	12.070	106	185416	40.755	ug/l	88
69) o-Xylene	12.400	106	85695	19.987	ug/l	84
70) Styrene	12.412	104	128874	20.195	ug/l	92
71) Bromoform	12.576	173	40987	20.311	ug/l #	97
73) Isopropylbenzene	12.700	105	232238	20.110	ug/l	97
74) N-amyl acetate	12.494	43	56187	15.602	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	56516	16.351	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	66398m	18.235	ug/l	
77) Bromobenzene	12.982	156	56833	19.519	ug/l	98
78) n-propylbenzene	13.035	91	254305	19.692	ug/l	99
79) 2-Chlorotoluene	13.129	91	165849	19.774	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	200660	19.960	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	17964	16.668	ug/l	85
82) 4-Chlorotoluene	13.223	91	168725	19.636	ug/l	97
83) tert-Butylbenzene	13.441	119	156644	19.431	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	200528	20.258	ug/l	97
85) sec-Butylbenzene	13.617	105	202945	19.900	ug/l	99
86) p-Isopropyltoluene	13.729	119	185065	20.314	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100646	19.186	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	98056	18.600	ug/l	96
89) n-Butylbenzene	14.059	91	141162	18.513	ug/l	98
90) Hexachloroethane	14.335	117	32900	18.524	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	94854	18.896	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13283	16.545	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	46895	16.062	ug/l	96
94) Hexachlorobutadiene	15.500	225	30902	18.392	ug/l	97
95) Naphthalene	15.641	128	114582	13.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	42251	15.439	ug/l	96

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

