

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080316.D
 Acq On : 01 Dec 2023 11:48
 Operator : JC\MD
 Sample : VN1201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 22:32:12 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	201096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167352	50.401	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	8.165	113	121288	53.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.571	98	418805	50.923	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.847	95	160245	51.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	59497	19.862	ug/l	99
3) Chloromethane	2.365	50	40268	17.880	ug/l	92
4) Vinyl Chloride	2.518	62	44796	18.796	ug/l	96
5) Bromomethane	2.959	94	32048	19.808	ug/l	96
6) Chloroethane	3.124	64	29985	19.261	ug/l #	88
7) Trichlorofluoromethane	3.506	101	100569	20.228	ug/l	98
8) Diethyl Ether	3.959	74	26837	18.561	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	45447	19.999	ug/l	93
10) Methyl Iodide	4.594	142	48419	19.716	ug/l #	85
11) Tert butyl alcohol	5.506	59	32519	89.058	ug/l	98
12) 1,1-Dichloroethene	4.347	96	42052	19.785	ug/l	85
13) Acrolein	4.177	56	25694	79.512	ug/l	95
14) Allyl chloride	5.024	41	46512	17.393	ug/l #	88
15) Acrylonitrile	5.718	53	88782	90.572	ug/l	98
16) Acetone	4.424	43	83981	75.303	ug/l	93
17) Carbon Disulfide	4.712	76	115094	18.136	ug/l	100
18) Methyl Acetate	5.024	43	60150	16.786	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	150076	19.994	ug/l	98
20) Methylene Chloride	5.277	84	49240	21.083	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	45085	19.309	ug/l #	79
22) Diisopropyl ether	6.671	45	117068	19.787	ug/l	99
23) Vinyl Acetate	6.606	43	327761	92.150	ug/l	93
24) 1,1-Dichloroethane	6.571	63	82117	19.057	ug/l	98
25) 2-Butanone	7.483	43	101413	76.536	ug/l	90
26) 2,2-Dichloropropane	7.488	77	82711	19.347	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	51727	19.540	ug/l	87
28) Bromochloromethane	7.818	49	32935	19.442	ug/l	98
29) Tetrahydrofuran	7.841	42	63448	89.190	ug/l	94
30) Chloroform	7.971	83	99182	20.593	ug/l	92
31) Cyclohexane	8.259	56	65591	18.164	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	96437	20.532	ug/l	98
36) 1,1-Dichloropropene	8.371	75	67922	20.563	ug/l	95
37) Ethyl Acetate	7.559	43	42891	18.720	ug/l	98
38) Carbon Tetrachloride	8.365	117	91391	21.803	ug/l	93
39) Methylcyclohexane	9.606	83	59494	18.680	ug/l	95
40) Benzene	8.606	78	193057	20.564	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23779	18.899	ug/l #	93
42) 1,2-Dichloroethane	8.671	62	84790	22.076	ug/l	95
43) Isopropyl Acetate	8.688	43	73377	16.457	ug/l	96
44) Trichloroethene	9.353	130	52769	21.428	ug/l	96
45) 1,2-Dichloropropane	9.624	63	45413	20.816	ug/l	98
46) Dibromomethane	9.712	93	35836	21.700	ug/l	93
47) Bromodichloromethane	9.888	83	77433	21.315	ug/l	95
48) Methyl methacrylate	9.682	41	42559	18.523	ug/l	94
49) 1,4-Dioxane	9.700	88	13164	344.385	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	214889	93.093	ug/l	98
52) Toluene	10.629	92	124808	21.243	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75458	20.217	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	80384	21.081	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	47394	21.136	ug/l	98
56) Ethyl methacrylate	10.876	69	46475	20.288	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	82009	20.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	111659	86.520	ug/l	100
59) 2-Hexanone	11.200	43	157854	85.103	ug/l	97
60) Dibromochloromethane	11.359	129	59598	22.200	ug/l	97
61) 1,2-Dibromoethane	11.471	107	47386	20.714	ug/l	96
64) Tetrachloroethene	11.106	164	55719	25.802	ug/l	94
65) Chlorobenzene	11.894	112	129616	20.216	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	54322	21.832	ug/l	93
67) Ethyl Benzene	11.965	91	232939	20.417	ug/l	90
68) m/p-Xylenes	12.070	106	174136	41.861	ug/l	91
69) o-Xylene	12.400	106	82693	21.093	ug/l	88
70) Styrene	12.412	104	124698	21.371	ug/l	95
71) Bromoform	12.576	173	38804	21.030	ug/l #	98
73) Isopropylbenzene	12.694	105	217493	20.224	ug/l	97
74) N-amyl acetate	12.494	43	56546	16.861	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	56554	17.570	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	58581m	17.276	ug/l	
77) Bromobenzene	12.982	156	55338	20.409	ug/l	94
78) n-propylbenzene	13.035	91	235446	19.578	ug/l	99
79) 2-Chlorotoluene	13.123	91	156321	20.014	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	189293	20.220	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	17889m	17.824	ug/l	
82) 4-Chlorotoluene	13.223	91	159044	19.876	ug/l	96
83) tert-Butylbenzene	13.441	119	147336	19.625	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	190220	20.635	ug/l	96
85) sec-Butylbenzene	13.617	105	185023	19.482	ug/l	98
86) p-Isopropyltoluene	13.729	119	168101	19.814	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	93804	19.202	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	94546	19.259	ug/l	98
89) n-Butylbenzene	14.059	91	131219	18.479	ug/l	99
90) Hexachloroethane	14.335	117	31994	19.344	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	91663	19.608	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12656	16.928	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	46296	17.028	ug/l	98
94) Hexachlorobutadiene	15.506	225	28581	18.267	ug/l	99
95) Naphthalene	15.641	128	118785	15.066	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45290	17.772	ug/l	99

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

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