

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080240.D
 Acq On : 22 Nov 2023 12:07
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:17:05 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	8.224	168	214375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	306922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173332	48.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	8.171	113	121745	49.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	10.571	98	440014	49.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.853	95	163872	48.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57886	18.128	ug/l	96
3) Chloromethane	2.359	50	39470	16.440	ug/l	94
4) Vinyl Chloride	2.512	62	44388	17.471	ug/l	97
5) Bromomethane	2.959	94	30544	17.709	ug/l	93
6) Chloroethane	3.124	64	28124	16.778	ug/l	99
7) Trichlorofluoromethane	3.500	101	96475	18.203	ug/l	93
8) Diethyl Ether	3.965	74	26958	17.490	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	43422	17.925	ug/l	93
10) Methyl Iodide	4.594	142	47685	18.214	ug/l #	87
11) Tert butyl alcohol	5.524	59	36984	95.013	ug/l	99
12) 1,1-Dichloroethene	4.342	96	38175	16.848	ug/l	90
13) Acrolein	4.183	56	31155	90.440	ug/l	94
14) Allyl chloride	5.024	41	45478	15.953	ug/l	89
15) Acrylonitrile	5.718	53	96591	92.435	ug/l	99
16) Acetone	4.430	43	90815	76.386	ug/l	95
17) Carbon Disulfide	4.712	76	102976	15.221	ug/l	98
18) Methyl Acetate	5.018	43	69034	18.072	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	147560	18.441	ug/l	96
20) Methylene Chloride	5.283	84	48628	19.532	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	43008	17.278	ug/l	86
22) Diisopropyl ether	6.671	45	115982	18.389	ug/l	95
23) Vinyl Acetate	6.606	43	336364	88.711	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	83184	18.109	ug/l	99
25) 2-Butanone	7.483	43	113507	80.357	ug/l	96
26) 2,2-Dichloropropane	7.494	77	82266	18.051	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	51655	18.304	ug/l	89
28) Bromochloromethane	7.812	49	34608	19.164	ug/l	99
29) Tetrahydrofuran	7.841	42	72187	95.189	ug/l	92
30) Chloroform	7.971	83	96800	18.853	ug/l	97
31) Cyclohexane	8.259	56	63251	16.431	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	91953	18.365	ug/l	98
36) 1,1-Dichloropropene	8.377	75	64748	18.200	ug/l	94
37) Ethyl Acetate	7.559	43	48729	19.747	ug/l	98
38) Carbon Tetrachloride	8.365	117	87890	19.468	ug/l	97
39) Methylcyclohexane	9.606	83	58592	17.081	ug/l	91
40) Benzene	8.612	78	187131	18.508	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	24590	18.145	ug/l	92
42) 1,2-Dichloroethane	8.677	62	83820	20.263	ug/l	94
43) Isopropyl Acetate	8.694	43	79666	16.590	ug/l	98
44) Trichloroethene	9.353	130	48859	18.422	ug/l	98
45) 1,2-Dichloropropane	9.624	63	44634	18.995	ug/l	98
46) Dibromomethane	9.712	93	35608	20.019	ug/l	89
47) Bromodichloromethane	9.888	83	79070	20.209	ug/l	93
48) Methyl methacrylate	9.682	41	44201	17.861	ug/l	95
49) 1,4-Dioxane	9.694	88	16750	406.859	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	242179	97.412	ug/l	99
52) Toluene	10.635	92	120436	19.033	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	75948	18.893	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	82242	20.025	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	47058	19.485	ug/l	98
56) Ethyl methacrylate	10.882	69	48783	19.772	ug/l	91
57) 1,3-Dichloropropane	11.165	76	82139	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	142944	102.840	ug/l	100
59) 2-Hexanone	11.200	43	181982	91.094	ug/l	95
60) Dibromochloromethane	11.359	129	58239	20.142	ug/l	100
61) 1,2-Dibromoethane	11.470	107	48069	19.510	ug/l	98
64) Tetrachloroethene	11.106	164	50540	21.577	ug/l	95
65) Chlorobenzene	11.894	112	126886	18.245	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	54302	20.120	ug/l	95
67) Ethyl Benzene	11.965	91	223979	18.099	ug/l	97
68) m/p-Xylenes	12.070	106	171895	38.096	ug/l	88
69) o-Xylene	12.400	106	82524	19.407	ug/l	90
70) Styrene	12.412	104	121243	19.156	ug/l	92
71) Bromoform	12.582	173	40069	20.020	ug/l #	97
73) Isopropylbenzene	12.700	105	213558	18.265	ug/l	98
74) N-amyl acetate	12.494	43	63959	17.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	62920	17.980	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	64330m	17.450	ug/l	
77) Bromobenzene	12.982	156	54107	18.355	ug/l	99
78) n-propylbenzene	13.041	91	244639	18.711	ug/l	100
79) 2-Chlorotoluene	13.129	91	156855	18.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	188077	18.479	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	19653	18.011	ug/l #	74
82) 4-Chlorotoluene	13.223	91	160140	18.408	ug/l	97
83) tert-Butylbenzene	13.441	119	153532	18.811	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	190629	19.021	ug/l	97
85) sec-Butylbenzene	13.617	105	187475	18.157	ug/l	99
86) p-Isopropyltoluene	13.735	119	170722	18.510	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	97463	18.351	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	95765	17.943	ug/l	94
89) n-Butylbenzene	14.059	91	133880	17.342	ug/l	99
90) Hexachloroethane	14.341	117	30867	17.166	ug/l	69
91) 1,2-Dichlorobenzene	14.111	146	93210	18.340	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15395	18.940	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	48491	16.405	ug/l	99
94) Hexachlorobutadiene	15.506	225	27652	16.256	ug/l	98
95) Naphthalene	15.647	128	133990	15.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	45139	16.292	ug/l	95

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

