

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076221.D
 Acq On : 12 Jan 2023 11:15
 Operator : JC\MD
 Sample : VN0112WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

Quant Time: Jan 13 01:55:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	586601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186603	45.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.300%		
35) Dibromofluoromethane	8.171	113	173707	47.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.571	98	619334	45.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.200%		
62) 4-Bromofluorobenzene	12.853	95	212916	47.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58103	21.780	ug/l	93
3) Chloromethane	2.377	50	57303	17.274	ug/l	96
4) Vinyl Chloride	2.530	62	69532	17.572	ug/l	100
5) Bromomethane	2.959	94	59046	17.558	ug/l	94
6) Chloroethane	3.124	64	52048	17.762	ug/l	94
7) Trichlorofluoromethane	3.506	101	102663	17.098	ug/l	95
8) Diethyl Ether	3.977	74	36545	16.664	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	60939	17.774	ug/l	99
10) Methyl Iodide	4.600	142	87614	15.746	ug/l	99
11) Tert butyl alcohol	5.536	59	44264	76.533	ug/l	100
12) 1,1-Dichloroethene	4.359	96	54765	16.446	ug/l	98
13) Acrolein	4.189	56	64459	90.908	ug/l	95
14) Allyl chloride	5.042	41	60995	15.669	ug/l	90
15) Acrylonitrile	5.730	53	126999	80.465	ug/l	99
16) Acetone	4.447	43	107498	76.293	ug/l	100
17) Carbon Disulfide	4.730	76	117252	14.543	ug/l	100
18) Methyl Acetate	5.042	43	73474	17.641	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	196509	17.920	ug/l	93
20) Methylene Chloride	5.289	84	64176	16.599	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	59208	16.236	ug/l	96
22) Diisopropyl ether	6.677	45	160778	17.002	ug/l	98
23) Vinyl Acetate	6.612	43	502654	78.975	ug/l	97
24) 1,1-Dichloroethane	6.583	63	104878	16.630	ug/l	100
25) 2-Butanone	7.494	43	162027	82.128	ug/l	99
26) 2,2-Dichloropropane	7.500	77	89934	16.839	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	70591	16.185	ug/l	97
28) Bromochloromethane	7.824	49	47273	17.102	ug/l	99
29) Tetrahydrofuran	7.847	42	107587	87.020	ug/l	97
30) Chloroform	7.971	83	115776	16.305	ug/l	96
31) Cyclohexane	8.265	56	96638	16.508	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	104899	16.664	ug/l	98
36) 1,1-Dichloropropene	8.383	75	82670	17.131	ug/l	98
37) Ethyl Acetate	7.565	43	71118	18.347	ug/l	96
38) Carbon Tetrachloride	8.371	117	92180	17.067	ug/l	98
39) Methylcyclohexane	9.606	83	102267	17.566	ug/l	99
40) Benzene	8.612	78	255594	17.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	34983	17.363	ug/l	96
42) 1,2-Dichloroethane	8.677	62	84456	17.062	ug/l	98
43) Isopropyl Acetate	8.694	43	112625	17.614	ug/l	100
44) Trichloroethene	9.353	130	70435	16.792	ug/l	94
45) 1,2-Dichloropropane	9.624	63	59356	16.382	ug/l	97
46) Dibromomethane	9.712	93	45353	16.877	ug/l	99
47) Bromodichloromethane	9.894	83	88218	16.740	ug/l #	99
48) Methyl methacrylate	9.682	41	50594	17.568	ug/l	98
49) 1,4-Dioxane	9.700	88	23667	334.281	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	342362	88.536	ug/l	99
52) Toluene	10.629	92	166922	17.214	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	83093	16.107	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	98242	17.345	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	64866	17.043	ug/l	97
56) Ethyl methacrylate	10.877	69	87486	17.305	ug/l	98
57) 1,3-Dichloropropane	11.165	76	106812	17.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	98764	61.360	ug/l	99
59) 2-Hexanone	11.194	43	242647	86.045	ug/l	100
60) Dibromochloromethane	11.359	129	70104	16.562	ug/l	100
61) 1,2-Dibromoethane	11.471	107	64669	16.790	ug/l	99
64) Tetrachloroethene	11.106	164	72283	19.969	ug/l	98
65) Chlorobenzene	11.894	112	177828	16.843	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	67963	17.379	ug/l	98
67) Ethyl Benzene	11.965	91	314206	17.633	ug/l	99
68) m/p-Xylenes	12.071	106	248637	35.254	ug/l	100
69) o-Xylene	12.400	106	123568	17.704	ug/l	99
70) Styrene	12.412	104	201537	18.161	ug/l	99
71) Bromoform	12.582	173	48236	16.951	ug/l #	98
73) Isopropylbenzene	12.700	105	320860	18.389	ug/l	99
74) N-amyl acetate	12.494	43	89624	17.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	89452	16.584	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94699m	19.457	ug/l	
77) Bromobenzene	12.982	156	78138	17.695	ug/l	96
78) n-propylbenzene	13.035	91	355196	18.457	ug/l	100
79) 2-Chlorotoluene	13.129	91	211944	17.643	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	267883	18.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22302	16.494	ug/l	93
82) 4-Chlorotoluene	13.129	91	211944	17.643	ug/l	99
83) tert-Butylbenzene	13.441	119	252315	19.596	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	265297	18.312	ug/l	100
85) sec-Butylbenzene	13.618	105	333265	18.753	ug/l	100
86) p-Isopropyltoluene	13.729	119	274502	18.563	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	138760	17.011	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	139532	16.745	ug/l	99
89) n-Butylbenzene	14.059	91	209880	17.520	ug/l	99
90) Hexachloroethane	14.335	117	46038	17.405	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	141429	17.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14557	15.209	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	63445	15.950	ug/l	98
94) Hexachlorobutadiene	15.506	225	37484	17.272	ug/l	98
95) Naphthalene	15.647	128	179798	15.264	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61772	16.615	ug/l	99

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

