

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082660.D
 Acq On : 20 Jun 2024 11:56
 Operator : JC\MD
 Sample : VN0620WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 02:03:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147342	52.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.171	113	104515	51.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	10.571	98	388652	50.512	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.853	95	129597	48.855	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45764	18.609	ug/l	91
3) Chloromethane	2.359	50	48433	16.429	ug/l	99
4) Vinyl Chloride	2.512	62	52470	18.702	ug/l	96
5) Bromomethane	2.959	94	32847	18.187	ug/l	94
6) Chloroethane	3.118	64	36788	18.389	ug/l	98
7) Trichlorofluoromethane	3.495	101	66774	18.243	ug/l	95
8) Diethyl Ether	3.965	74	23512	18.862	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	39508	19.270	ug/l	99
10) Methyl Iodide	4.589	142	36654	18.769	ug/l	90
11) Tert butyl alcohol	5.530	59	44238	95.722	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35059	17.882	ug/l	95
13) Acrolein	4.183	56	30280	64.318	ug/l	98
14) Allyl chloride	5.024	41	68924	17.975	ug/l	94
15) Acrylonitrile	5.724	53	118980	97.532	ug/l	98
16) Acetone	4.430	43	111187	86.580	ug/l	98
17) Carbon Disulfide	4.712	76	104231	16.740	ug/l	99
18) Methyl Acetate	5.030	43	60239	19.179	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	131431	19.584	ug/l #	91
20) Methylene Chloride	5.277	84	43839	19.417	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	37387	17.943	ug/l	90
22) Diisopropyl ether	6.671	45	158267	19.682	ug/l	96
23) Vinyl Acetate	6.606	43	613469	96.205	ug/l	99
24) 1,1-Dichloroethane	6.571	63	82392	18.914	ug/l	99
25) 2-Butanone	7.489	43	169058	92.617	ug/l	99
26) 2,2-Dichloropropane	7.494	77	66901	17.704	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	46090	18.358	ug/l	99
28) Bromochloromethane	7.818	49	41766	21.010	ug/l	98
29) Tetrahydrofuran	7.841	42	114316	102.302	ug/l	100
30) Chloroform	7.971	83	82036	19.306	ug/l	99
31) Cyclohexane	8.265	56	72489	17.788	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	72108	18.714	ug/l	95
36) 1,1-Dichloropropene	8.371	75	56248	18.493	ug/l	99
37) Ethyl Acetate	7.565	43	70988	18.323	ug/l	98
38) Carbon Tetrachloride	8.359	117	62083	18.112	ug/l	98
39) Methylcyclohexane	9.606	83	56507	17.654	ug/l	96
40) Benzene	8.612	78	176858	18.819	ug/l	96

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41) Methacrylonitrile	7.783	41	40086	20.241	ug/l	95
42) 1,2-Dichloroethane	8.671	62	69151	19.344	ug/l	99
43) Isopropyl Acetate	8.688	43	142240	19.645	ug/l	95
44) Trichloroethene	9.353	130	40336	18.483	ug/l	98
45) 1,2-Dichloropropane	9.624	63	46309	19.143	ug/l	97
46) Dibromomethane	9.712	93	32068	19.556	ug/l	99
47) Bromodichloromethane	9.888	83	66956	19.152	ug/l	96
48) Methyl methacrylate	9.683	41	55317	18.533	ug/l	98
49) 1,4-Dioxane	9.700	88	18736	401.297	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	363518	97.884	ug/l	99
52) Toluene	10.635	92	107710	18.911	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	68233	19.092	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	71180	19.260	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41585	20.173	ug/l	99
56) Ethyl methacrylate	10.877	69	64198	18.803	ug/l	97
57) 1,3-Dichloropropane	11.165	76	74594	19.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	166980	92.452	ug/l	98
59) 2-Hexanone	11.200	43	267000	94.592	ug/l	99
60) Dibromochloromethane	11.359	129	49544	19.688	ug/l	97
61) 1,2-Dibromoethane	11.471	107	41538	19.111	ug/l	97
64) Tetrachloroethene	11.106	164	41116	18.120	ug/l	97
65) Chlorobenzene	11.894	112	116011	18.383	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	42459	18.868	ug/l	99
67) Ethyl Benzene	11.965	91	195014	18.136	ug/l	100
68) m/p-Xylenes	12.076	106	149365	37.337	ug/l	99
69) o-Xylene	12.400	106	69773	18.564	ug/l	97
70) Styrene	12.412	104	120744	18.928	ug/l	100
71) Bromoform	12.582	173	33192	18.657	ug/l #	97
73) Isopropylbenzene	12.694	105	179355	18.121	ug/l	100
74) N-amyl acetate	12.494	43	95706	18.119	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	61070	18.916	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57622m	18.075	ug/l	
77) Bromobenzene	12.982	156	45886	18.012	ug/l	98
78) n-propylbenzene	13.035	91	215013	18.366	ug/l	100
79) 2-Chlorotoluene	13.129	91	132213	18.008	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	151075	18.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23754	17.827	ug/l	98
82) 4-Chlorotoluene	13.223	91	134050	18.277	ug/l	99
83) tert-Butylbenzene	13.441	119	122774	17.945	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	151925	18.855	ug/l	100
85) sec-Butylbenzene	13.618	105	176842	18.200	ug/l	100
86) p-Isopropyltoluene	13.729	119	144798	18.505	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	84263	18.242	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	84119	17.423	ug/l	98
89) n-Butylbenzene	14.059	91	123477	17.790	ug/l	99
90) Hexachloroethane	14.335	117	30391	17.851	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81603	18.093	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12898	18.877	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	41117	17.289	ug/l	99
94) Hexachlorobutadiene	15.500	225	19278	16.440	ug/l	99
95) Naphthalene	15.641	128	129053	17.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41498	17.122	ug/l	100

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

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