

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084125.D
 Acq On : 24 Sep 2024 11:21
 Operator : JC\MD
 Sample : VN0924WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:30:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	112516	52.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	8.165	113	87095	54.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.660%	
50) Toluene-d8	10.565	98	306579	55.319	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.847	95	115250	50.404	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	28935	17.485	ug/l	95
3) Chloromethane	2.365	50	31652	17.531	ug/l	94
4) Vinyl Chloride	2.518	62	33205	18.306	ug/l	97
5) Bromomethane	2.959	94	20943	20.109	ug/l	94
6) Chloroethane	3.118	64	22089	17.361	ug/l	92
7) Trichlorofluoromethane	3.500	101	57319	18.616	ug/l	92
8) Diethyl Ether	3.959	74	19800	19.184	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	32612	19.983	ug/l	97
10) Methyl Iodide	4.589	142	37737	18.182	ug/l	92
11) Tert butyl alcohol	5.518	59	35583	123.672	ug/l	99
12) 1,1-Dichloroethene	4.341	96	29608	19.211	ug/l	88
13) Acrolein	4.177	56	31239	110.041	ug/l	96
14) Allyl chloride	5.024	41	49202	17.916	ug/l	97
15) Acrylonitrile	5.718	53	92707	118.481	ug/l	99
16) Acetone	4.436	43	97329	112.998	ug/l	99
17) Carbon Disulfide	4.718	76	72120	16.728	ug/l	97
18) Methyl Acetate	5.030	43	46022	24.706	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	113812	20.407	ug/l	97
20) Methylene Chloride	5.277	84	36147	20.508	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	31975	19.359	ug/l	95
22) Diisopropyl ether	6.671	45	120344	21.287	ug/l	98
23) Vinyl Acetate	6.606	43	435180	105.116	ug/l	99
24) 1,1-Dichloroethane	6.565	63	67514	20.729	ug/l	97
25) 2-Butanone	7.482	43	130847	115.581	ug/l	97
26) 2,2-Dichloropropane	7.488	77	59308	19.773	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	39839	20.318	ug/l	97
28) Bromochloromethane	7.818	49	32769	23.891	ug/l	96
29) Tetrahydrofuran	7.841	42	80723	120.592	ug/l	96
30) Chloroform	7.965	83	70826	20.483	ug/l	95
31) Cyclohexane	8.259	56	53702	17.293	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	63420	19.947	ug/l	96
36) 1,1-Dichloropropene	8.371	75	46212	19.152	ug/l	97
37) Ethyl Acetate	7.559	43	51765	23.635	ug/l	96
38) Carbon Tetrachloride	8.359	117	55140	20.143	ug/l	97
39) Methylcyclohexane	9.600	83	47750	17.386	ug/l	90
40) Benzene	8.606	78	148302	20.420	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27502	21.230	ug/l	98
42) 1,2-Dichloroethane	8.671	62	55689	20.521	ug/l	98
43) Isopropyl Acetate	8.688	43	86093	21.692	ug/l	98
44) Trichloroethene	9.347	130	33320	19.812	ug/l	89
45) 1,2-Dichloropropane	9.623	63	37260	21.227	ug/l	94
46) Dibromomethane	9.706	93	25962	21.116	ug/l	97
47) Bromodichloromethane	9.888	83	57088	21.455	ug/l	97
48) Methyl methacrylate	9.682	41	38759	20.583	ug/l	98
49) 1,4-Dioxane	9.694	88	14982	483.651	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	259672	120.191	ug/l	98
52) Toluene	10.629	92	91360	20.566	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	55946	20.743	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	57847	20.418	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	35556	21.439	ug/l	95
56) Ethyl methacrylate	10.876	69	55686	21.824	ug/l	96
57) 1,3-Dichloropropane	11.165	76	60052	21.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	104215	113.352	ug/l	96
59) 2-Hexanone	11.194	43	190071	118.930	ug/l	99
60) Dibromochloromethane	11.359	129	41628	22.429	ug/l	100
61) 1,2-Dibromoethane	11.470	107	34972	21.144	ug/l	97
64) Tetrachloroethene	11.100	164	28720	19.375	ug/l	95
65) Chlorobenzene	11.888	112	97409	19.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35690	20.781	ug/l	98
67) Ethyl Benzene	11.965	91	170532	19.377	ug/l	99
68) m/p-Xylenes	12.070	106	128055	39.192	ug/l	98
69) o-Xylene	12.400	106	62449	19.743	ug/l	98
70) Styrene	12.412	104	105609	20.345	ug/l	98
71) Bromoform	12.576	173	26179	22.620	ug/l #	99
73) Isopropylbenzene	12.694	105	160679	20.243	ug/l	99
74) N-amyl acetate	12.494	43	73974	21.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51894	22.251	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	43348m	20.939	ug/l	
77) Bromobenzene	12.982	156	37955	19.865	ug/l	97
78) n-propylbenzene	13.035	91	187461	20.298	ug/l	100
79) 2-Chlorotoluene	13.123	91	122382	20.779	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	133920	20.012	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16728m	21.163	ug/l	
82) 4-Chlorotoluene	13.217	91	121605	20.574	ug/l	98
83) tert-Butylbenzene	13.435	119	117875	20.133	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	136406	20.292	ug/l	99
85) sec-Butylbenzene	13.617	105	161865	20.846	ug/l	99
86) p-Isopropyltoluene	13.729	119	130939	20.117	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	71420	19.807	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	68828	18.851	ug/l	98
89) n-Butylbenzene	14.053	91	109526	18.742	ug/l	99
90) Hexachloroethane	14.329	117	27081	20.697	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	68383	19.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9988	21.484	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	31524	16.881	ug/l	98
94) Hexachlorobutadiene	15.500	225	14926	18.821	ug/l	99
95) Naphthalene	15.641	128	102433	18.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	31546	17.676	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

