

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084298.D
 Acq On : 03 Oct 2024 15:03
 Operator : JC\MD
 Sample : P4226-24MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW4-20240927MS

Quant Time: Oct 04 01:35:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124507	54.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.400%
35) Dibromofluoromethane	8.165	113	97041	54.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.280%
50) Toluene-d8	10.565	98	366949	56.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.320%
62) 4-Bromofluorobenzene	12.847	95	134355	56.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84947	46.779	ug/l	95
3) Chloromethane	2.359	50	95553	46.084	ug/l	100
4) Vinyl Chloride	2.512	62	94020	46.812	ug/l	100
5) Bromomethane	2.948	94	57807	43.635	ug/l	96
6) Chloroethane	3.112	64	59799	41.573	ug/l	100
7) Trichlorofluoromethane	3.495	101	151252	48.362	ug/l	97
8) Diethyl Ether	3.965	74	53651	46.253	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	97731	54.536	ug/l	98
10) Methyl Iodide	4.589	142	109478	47.438	ug/l	98
11) Tert butyl alcohol	5.524	59	88255	235.138	ug/l	100
12) 1,1-Dichloroethene	4.342	96	83846	48.507	ug/l	97
13) Acrolein	4.177	56	121302	281.516	ug/l	99
14) Allyl chloride	5.024	41	135347	45.086	ug/l	98
15) Acrylonitrile	5.718	53	238980	252.136	ug/l	98
16) Acetone	4.430	43	197399	201.876	ug/l	100
17) Carbon Disulfide	4.712	76	232335	42.453	ug/l	98
18) Methyl Acetate	5.024	43	103905	48.753	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	282903	48.491	ug/l	99
20) Methylene Chloride	5.277	84	95190	47.889	ug/l	87
21) trans-1,2-Dichloroethene	5.795	96	85779	47.367	ug/l	95
22) Diisopropyl ether	6.671	45	309429	49.832	ug/l	98
23) Vinyl Acetate	6.600	43	1110338	241.087	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172301	49.619	ug/l	99
25) 2-Butanone	7.483	43	312569	234.695	ug/l	98
26) 2,2-Dichloropropane	7.489	77	136887	43.720	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	106373	48.609	ug/l	99
28) Bromochloromethane	7.818	49	71286	46.010	ug/l	100
29) Tetrahydrofuran	7.841	42	210936	256.650	ug/l	99
30) Chloroform	7.965	83	176973	49.063	ug/l	100
31) Cyclohexane	8.253	56	145525	43.162	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	161488	49.850	ug/l	99
36) 1,1-Dichloropropene	8.371	75	123086	47.710	ug/l	99
37) Ethyl Acetate	7.559	43	121851	46.038	ug/l	99
38) Carbon Tetrachloride	8.359	117	136519	48.240	ug/l	99
39) Methylcyclohexane	9.600	83	138813	48.345	ug/l	98
40) Benzene	8.606	78	390245	48.550	ug/l	99

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41) Methacrylonitrile	7.777	41	72219	50.261	ug/l	100
42) 1,2-Dichloroethane	8.665	62	132010	48.444	ug/l	100
43) Isopropyl Acetate	8.688	43	210713	40.646	ug/l	99
44) Trichloroethene	9.353	130	892936	475.636	ug/l	98
45) 1,2-Dichloropropane	9.618	63	94730	49.819	ug/l	99
46) Dibromomethane	9.706	93	66788	52.048	ug/l	98
47) Bromodichloromethane	9.888	83	142906	50.127	ug/l	98
48) Methyl methacrylate	9.682	41	103790	50.294	ug/l	98
49) 1,4-Dioxane	9.694	88	40071	1054.712	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	648591	257.422	ug/l	100
52) Toluene	10.630	92	238550	48.668	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	141270	48.613	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	143822	46.012	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	87723	49.923	ug/l	97
56) Ethyl methacrylate	10.871	69	144855	50.099	ug/l	99
57) 1,3-Dichloropropane	11.165	76	152614	48.606	ug/l	100
59) 2-Hexanone	11.194	43	482628	256.286	ug/l	100
60) Dibromochloromethane	11.359	129	104786	50.471	ug/l	98
61) 1,2-Dibromoethane	11.471	107	88970	48.728	ug/l	100
64) Tetrachloroethene	11.100	164	87407	51.392	ug/l	98
65) Chlorobenzene	11.888	112	253880	46.892	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	88982	47.715	ug/l	100
67) Ethyl Benzene	11.965	91	454708	47.490	ug/l	96
68) m/p-Xylenes	12.071	106	347777	98.192	ug/l	100
69) o-Xylene	12.400	106	164527	49.099	ug/l	99
70) Styrene	12.412	104	283064	49.871	ug/l	99
71) Bromoform	12.576	173	68912	50.192	ug/l #	99
73) Isopropylbenzene	12.694	105	422270	45.270	ug/l	100
74) N-amyl acetate	12.494	43	180952	42.840	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	127130	45.326	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	106875m	42.827	ug/l	
77) Bromobenzene	12.976	156	98937	43.972	ug/l	99
78) n-propylbenzene	13.035	91	503432	46.583	ug/l	100
79) 2-Chlorotoluene	13.123	91	309647	44.901	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	361643	47.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43828	42.106	ug/l	97
82) 4-Chlorotoluene	13.218	91	316497	45.591	ug/l	100
83) tert-Butylbenzene	13.435	119	305045	45.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	363017	47.360	ug/l	99
85) sec-Butylbenzene	13.618	105	419827	46.522	ug/l	99
86) p-Isopropyltoluene	13.729	119	351165	47.058	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	187875	44.510	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	185439	43.504	ug/l	99
89) n-Butylbenzene	14.053	91	294610	43.539	ug/l	99
90) Hexachloroethane	14.335	117	65673	43.356	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	180714	43.663	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25391	43.869	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	85519	41.950	ug/l	99
94) Hexachlorobutadiene	15.500	225	38242	37.616	ug/l	97
95) Naphthalene	15.641	128	269582	39.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	83303	40.822	ug/l	99

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

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