

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085240.D
 Acq On : 17 Dec 2024 21:35
 Operator : JC\MD
 Sample : P5291-08MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-20241213MS

Quant Time: Dec 18 00:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108474	50.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.165	113	87166	50.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	10.565	98	302141	48.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.847	95	121900	52.723	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	117094	68.991	ug/l	99
3) Chloromethane	2.359	50	100083	50.842	ug/l	97
4) Vinyl Chloride	2.512	62	105416	59.589	ug/l	94
5) Bromomethane	2.942	94	50084	50.511	ug/l	93
6) Chloroethane	3.106	64	74067	62.117	ug/l	97
7) Trichlorofluoromethane	3.489	101	167920	55.800	ug/l	98
8) Diethyl Ether	3.959	74	55056	53.752	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	89270	52.303	ug/l	99
10) Methyl Iodide	4.583	142	103255	45.703	ug/l	94
11) Tert butyl alcohol	5.530	59	93131	325.964	ug/l #	95
12) 1,1-Dichloroethene	4.336	96	87061	54.648	ug/l	98
13) Acrolein	4.177	56	50336	264.030	ug/l #	16
14) Allyl chloride	5.018	41	122501	45.612	ug/l	93
15) Acrylonitrile	5.712	53	231883	286.669	ug/l	99
16) Acetone	4.424	43	198985	319.563	ug/l	96
17) Carbon Disulfide	4.712	76	252400	53.675	ug/l	97
18) Methyl Acetate	5.024	43	103695	52.151	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	346751	66.615	ug/l #	56
20) Methylene Chloride	5.277	84	96291	50.677	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	87289	52.066	ug/l	97
22) Diisopropyl ether	6.671	45	274275	50.741	ug/l	98
23) Vinyl Acetate	6.600	43	1010258	270.915	ug/l	97
24) 1,1-Dichloroethane	6.565	63	167575	51.805	ug/l	99
25) 2-Butanone	7.483	43	298607	293.319	ug/l	99
26) 2,2-Dichloropropane	7.488	77	124106	41.088	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	105018	51.961	ug/l	98
28) Bromochloromethane	7.812	49	57700	47.254	ug/l	93
29) Tetrahydrofuran	7.841	42	195249	308.412	ug/l	99
30) Chloroform	7.965	83	178900	51.992	ug/l	95
31) Cyclohexane	8.253	56	185416	65.104	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	162984	52.417	ug/l	100
36) 1,1-Dichloropropene	8.371	75	118884	50.877	ug/l	99
37) Ethyl Acetate	7.559	43	115660	54.446	ug/l	99
38) Carbon Tetrachloride	8.359	117	144300	53.499	ug/l	96
39) Methylcyclohexane	9.600	83	197490	81.333	ug/l	95
40) Benzene	8.606	78	2859016	386.845	ug/l	99

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41) Methacrylonitrile	7.777	41	66959	56.929	ug/l	99
42) 1,2-Dichloroethane	8.671	62	128529	50.834	ug/l	99
43) Isopropyl Acetate	8.688	43	215740	48.892	ug/l	99
44) Trichloroethene	9.353	130	89784	52.275	ug/l	93
45) 1,2-Dichloropropane	9.618	63	88568	48.655	ug/l	98
46) Dibromomethane	9.706	93	65557	51.829	ug/l	99
47) Bromodichloromethane	9.888	83	140449	52.391	ug/l	98
48) Methyl methacrylate	9.677	41	100234	61.043	ug/l	95
49) 1,4-Dioxane	9.694	88	33526	1177.358	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	633962	314.549	ug/l	99
52) Toluene	10.629	92	568697	129.981	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	139438	51.881	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	144452	50.662	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	99993	61.358	ug/l	89
56) Ethyl methacrylate	10.871	69	150225	63.084	ug/l	97
57) 1,3-Dichloropropane	11.165	76	147414	51.396	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.147	63	251	0.215	ug/l #	46
59) 2-Hexanone	11.194	43	473199	313.922	ug/l	98
60) Dibromochloromethane	11.359	129	107735	54.092	ug/l	98
61) 1,2-Dibromoethane	11.465	107	89855	53.277	ug/l	95
64) Tetrachloroethene	11.100	164	72703	47.405	ug/l	97
65) Chlorobenzene	11.888	112	252649	48.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	90474	49.782	ug/l	99
67) Ethyl Benzene	11.965	91	1621049	193.571	ug/l	100
68) m/p-Xylenes	12.071	106	1467807	460.372	ug/l	100
69) o-Xylene	12.394	106	516057	170.156	ug/l	99
70) Styrene	12.412	104	303548	60.185	ug/l #	80
71) Bromoform	12.576	173	75490	55.958	ug/l #	100
73) Isopropylbenzene	12.694	105	478465	60.887	ug/l	100
74) N-amyl acetate	12.494	43	174666	53.940	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	129254	48.168	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	105158m	51.902	ug/l	
77) Bromobenzene	12.982	156	103006	48.710	ug/l	99
78) n-propylbenzene	13.035	91	578855	63.865	ug/l	99
79) 2-Chlorotoluene	13.123	91	340502	56.277	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	474014	71.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	41056	44.733	ug/l	98
82) 4-Chlorotoluene	13.218	91	306444	48.653	ug/l	99
83) tert-Butylbenzene	13.435	119	303230	53.446	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1115313	164.317	ug/l	99
85) sec-Butylbenzene	13.612	105	408420	53.289	ug/l	98
86) p-Isopropyltoluene	13.729	119	352200	55.668	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	184275	44.179	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	182686	42.919	ug/l	98
89) n-Butylbenzene	14.053	91	294199	50.002	ug/l	95
90) Hexachloroethane	14.329	117	75332	54.625	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	176838	44.244	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27698	53.380	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	91243	42.020	ug/l	97
94) Hexachlorobutadiene	15.500	225	36337	36.260	ug/l	99
95) Naphthalene	15.641	128	499219	80.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	88302	42.619	ug/l	95

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

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