

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085241.D
 Acq On : 17 Dec 2024 21:59
 Operator : JC\MD
 Sample : P5291-09MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-20241213MSD

Quant Time: Dec 18 00:44:33 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	153484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106984	48.935	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.860%		
35) Dibromofluoromethane	8.165	113	84535	49.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	10.565	98	297397	48.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.440%		
62) 4-Bromofluorobenzene	12.847	95	115597	50.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	122369	70.509	ug/l	97
3) Chloromethane	2.359	50	97611	48.492	ug/l	96
4) Vinyl Chloride	2.506	62	110503	61.087	ug/l	97
5) Bromomethane	2.936	94	54597	53.848	ug/l	97
6) Chloroethane	3.106	64	65793	53.960	ug/l	97
7) Trichlorofluoromethane	3.489	101	176316	57.297	ug/l	97
8) Diethyl Ether	3.959	74	59526	56.835	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	94394	54.085	ug/l	98
10) Methyl Iodide	4.583	142	122556	53.050	ug/l	95
11) Tert butyl alcohol	5.530	59	101793	348.422	ug/l	96
12) 1,1-Dichloroethene	4.336	96	89998	55.245	ug/l	93
13) Acrolein	4.177	56	55309	283.715	ug/l #	16
14) Allyl chloride	5.018	41	128659	46.848	ug/l	91
15) Acrylonitrile	5.718	53	243822	294.779	ug/l	99
16) Acetone	4.430	43	207484	325.861	ug/l	97
17) Carbon Disulfide	4.712	76	269729	56.095	ug/l	98
18) Methyl Acetate	5.018	43	106850	52.562	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	360211	67.674	ug/l #	61
20) Methylene Chloride	5.271	84	100422	51.685	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	91927	53.623	ug/l	92
22) Diisopropyl ether	6.671	45	286903	51.907	ug/l	97
23) Vinyl Acetate	6.600	43	1042059	273.278	ug/l	99
24) 1,1-Dichloroethane	6.565	63	172452	52.137	ug/l	98
25) 2-Butanone	7.483	43	317779	305.265	ug/l	97
26) 2,2-Dichloropropane	7.489	77	128596	41.635	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	109618	53.040	ug/l	98
28) Bromochloromethane	7.812	49	60090	48.126	ug/l	95
29) Tetrahydrofuran	7.841	42	205691	317.738	ug/l	98
30) Chloroform	7.965	83	186028	52.871	ug/l	96
31) Cyclohexane	8.253	56	192814	66.208	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	170881	53.744	ug/l	99
36) 1,1-Dichloropropene	8.371	75	126785	54.395	ug/l	98
37) Ethyl Acetate	7.559	43	117497	55.450	ug/l	100
38) Carbon Tetrachloride	8.359	117	153419	57.023	ug/l	97
39) Methylcyclohexane	9.600	83	208206	85.963	ug/l	97
40) Benzene	8.606	78	2834507	384.499	ug/l	100

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41) Methacrylonitrile	7.777	41	71699	61.113	ug/l	99
42) 1,2-Dichloroethane	8.671	62	133843	53.070	ug/l	96
43) Isopropyl Acetate	8.688	43	227670	51.726	ug/l	98
44) Trichloroethene	9.353	130	93636	54.656	ug/l	93
45) 1,2-Dichloropropane	9.618	63	92138	50.745	ug/l	93
46) Dibromomethane	9.712	93	66634	52.814	ug/l	97
47) Bromodichloromethane	9.888	83	146601	54.824	ug/l	99
48) Methyl methacrylate	9.677	41	103934	63.457	ug/l	98
49) 1,4-Dioxane	9.694	88	37301	1313.239	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	669053	332.799	ug/l	100
52) Toluene	10.629	92	571883	131.040	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	145075	54.115	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	151075	53.119	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	104024	63.993	ug/l	93
56) Ethyl methacrylate	10.871	69	159757	67.256	ug/l	98
57) 1,3-Dichloropropane	11.165	76	156077	54.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	323	0.277	ug/l #	46
59) 2-Hexanone	11.194	43	492890	327.812	ug/l	99
60) Dibromochloromethane	11.359	129	111202	55.974	ug/l	99
61) 1,2-Dibromoethane	11.471	107	95957	57.038	ug/l	99
64) Tetrachloroethene	11.106	164	77321	50.305	ug/l	98
65) Chlorobenzene	11.888	112	262840	50.808	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	94875	52.089	ug/l	99
67) Ethyl Benzene	11.965	91	1616318	192.582	ug/l	99
68) m/p-Xylenes	12.065	106	1443477	451.746	ug/l	98
69) o-Xylene	12.394	106	517349	170.207	ug/l	98
70) Styrene	12.412	104	310655	61.459	ug/l #	81
71) Bromoform	12.576	173	79116	58.517	ug/l #	99
73) Isopropylbenzene	12.694	105	493844	65.393	ug/l	99
74) N-amyl acetate	12.494	43	184702	59.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	133088	51.608	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	110123m	56.556	ug/l	
77) Bromobenzene	12.976	156	105740	52.030	ug/l	98
78) n-propylbenzene	13.035	91	592403	68.010	ug/l	100
79) 2-Chlorotoluene	13.123	91	356328	61.281	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	484396	76.439	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42571	48.265	ug/l	96
82) 4-Chlorotoluene	13.223	91	323099	53.377	ug/l	100
83) tert-Butylbenzene	13.435	119	315144	57.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1125111	172.482	ug/l	100
85) sec-Butylbenzene	13.612	105	426780	57.943	ug/l	99
86) p-Isopropyltoluene	13.729	119	365146	60.054	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	191047	47.660	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	190705	46.619	ug/l	98
89) n-Butylbenzene	14.053	91	308991	54.646	ug/l	94
90) Hexachloroethane	14.329	117	76685	57.861	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	182042	47.393	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29729	59.617	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	98988	47.436	ug/l	97
94) Hexachlorobutadiene	15.500	225	39793	41.319	ug/l	99
95) Naphthalene	15.635	128	518533	87.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95744	48.085	ug/l	97

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

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