

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080351.D
 Acq On : 04 Dec 2023 20:19
 Operator : JC\MD
 Sample : 05612-03MSD 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06IMSD

Quant Time: Dec 05 04:23:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2023
 Supervised By : Mahesh Dadoda 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184688	50.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	134102	53.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%			
50) Toluene-d8	10.570	98	459502	50.383	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	12.853	95	179358	52.065	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	146295	43.996	ug/l	98
3) Chloromethane	2.365	50	107972	43.188	ug/l	100
4) Vinyl Chloride	2.512	62	119348	45.110	ug/l	96
5) Bromomethane	2.936	94	80073	44.583	ug/l	95
6) Chloroethane	3.112	64	79064	48.256	ug/l	95
7) Trichlorofluoromethane	3.494	101	255665	46.324	ug/l	97
8) Diethyl Ether	3.959	74	76541	47.687	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	112250	44.498	ug/l	93
10) Methyl Iodide	4.589	142	142445	52.250	ug/l #	85
11) Tert butyl alcohol	5.518	59	125653	309.994	ug/l	100
12) 1,1-Dichloroethene	4.336	96	109444	46.386	ug/l #	81
13) Acrolein	4.177	56	104076	290.132	ug/l	96
14) Allyl chloride	5.024	41	134054	45.159	ug/l	94
15) Acrylonitrile	5.718	53	265435	243.933	ug/l	99
16) Acetone	4.418	43	204330	165.046	ug/l	91
17) Carbon Disulfide	4.706	76	292443	41.511	ug/l	100
18) Methyl Acetate	5.018	43	185269	46.576	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	430164	51.626	ug/l	97
20) Methylene Chloride	5.277	84	130218	50.227	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	121021	46.690	ug/l	87
22) Diisopropyl ether	6.671	45	317028	48.271	ug/l	98
23) Vinyl Acetate	6.600	43	978906	247.925	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	219360	45.858	ug/l	99
25) 2-Butanone	7.482	43	303138	206.088	ug/l	90
26) 2,2-Dichloropropane	7.488	77	219444	46.240	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	142584	48.519	ug/l	90
28) Bromochloromethane	7.812	49	85954	45.707	ug/l	97
29) Tetrahydrofuran	7.835	42	195729	247.853	ug/l	95
30) Chloroform	7.965	83	260649	48.751	ug/l	91
31) Cyclohexane	8.259	56	166524	41.542	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	255425	48.988	ug/l	98
36) 1,1-Dichloropropene	8.371	75	179419	48.982	ug/l	96
37) Ethyl Acetate	7.559	43	131242	51.655	ug/l	96
38) Carbon Tetrachloride	8.365	117	235263	50.612	ug/l	99
39) Methylcyclohexane	9.606	83	169940	48.116	ug/l	92
40) Benzene	8.606	78	1478112	141.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68329	48.970	ug/l	93
42) 1,2-Dichloroethane	8.671	62	222915	52.337	ug/l	95
43) Isopropyl Acetate	8.688	43	239268	48.393	ug/l	96
44) Trichloroethene	9.353	130	131777	48.255	ug/l	95
45) 1,2-Dichloropropane	9.623	63	121648	50.282	ug/l	100
46) Dibromomethane	9.712	93	94554	51.630	ug/l #	89
47) Bromodichloromethane	9.888	83	209019	51.885	ug/l	96
48) Methyl methacrylate	9.682	41	134987	52.978	ug/l	90
49) 1,4-Dioxane	9.694	88	46029	1085.883	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	647949	253.128	ug/l	100
52) Toluene	10.635	92	346357	53.162	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	217272	52.494	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	223405	52.832	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	127487	51.269	ug/l	98
56) Ethyl methacrylate	10.876	69	143314	56.416	ug/l	95
57) 1,3-Dichloropropane	11.165	76	221815	51.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	286137	199.936	ug/l	99
59) 2-Hexanone	11.194	43	482355	234.504	ug/l	97
60) Dibromochloromethane	11.359	129	154771	51.988	ug/l	97
61) 1,2-Dibromoethane	11.470	107	129516	51.054	ug/l	99
64) Tetrachloroethene	11.106	164	110580	46.399	ug/l	98
65) Chlorobenzene	11.894	112	348838	49.297	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	142493	51.891	ug/l	92
67) Ethyl Benzene	11.965	91	2812074	223.329	ug/l	95
68) m/p-Xylenes	12.070	106	609522	132.765	ug/l	87
69) o-Xylene	12.400	106	423952	97.986	ug/l	85
70) Styrene	12.412	104	359985	55.900	ug/l #	82
71) Bromoform	12.576	173	109930	53.983	ug/l #	100
73) Isopropylbenzene	12.700	105	665313	54.413	ug/l	98
74) N-amyl acetate	12.494	43	184234	48.318	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	168998	46.180	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	182392m	47.309	ug/l	
77) Bromobenzene	12.982	156	149404	48.465	ug/l	95
78) n-propylbenzene	13.035	91	683045	49.957	ug/l	99
79) 2-Chlorotoluene	13.129	91	453247	51.040	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	571854	53.727	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	53225	46.644	ug/l #	84
82) 4-Chlorotoluene	13.223	91	447001	49.135	ug/l	96
83) tert-Butylbenzene	13.441	119	424311	49.712	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	747166	71.291	ug/l	98
85) sec-Butylbenzene	13.617	105	537433	49.774	ug/l	99
86) p-Isopropyltoluene	13.729	119	507287	52.593	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	259544	46.731	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	261998	46.940	ug/l	97
89) n-Butylbenzene	14.059	91	411138	50.926	ug/l	98
90) Hexachloroethane	14.335	117	84524	44.950	ug/l	66
91) 1,2-Dichlorobenzene	14.106	146	251092	47.243	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42502	50.001	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	149092	48.231	ug/l	97
94) Hexachlorobutadiene	15.505	225	78306	44.020	ug/l	98
95) Naphthalene	15.647	128	9378262	1046.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138783	47.899	ug/l	98

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

