

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080350.D
 Acq On : 04 Dec 2023 19:56
 Operator : JC\MD
 Sample : 05612-02MS 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06IMS

Quant Time: Dec 05 04:22:44 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	8.230	168	222340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	339374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	308342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186853	50.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.800%			
35) Dibromofluoromethane	8.171	113	136448	54.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.980%			
50) Toluene-d8	10.565	98	479713	53.143	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.853	95	183147	53.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	154250	46.574	ug/l	97
3) Chloromethane	2.365	50	102742	41.262	ug/l	99
4) Vinyl Chloride	2.512	62	120275	45.644	ug/l	96
5) Bromomethane	2.942	94	75672	42.302	ug/l	99
6) Chloroethane	3.112	64	76405	46.740	ug/l	98
7) Trichlorofluoromethane	3.495	101	267578	48.678	ug/l	98
8) Diethyl Ether	3.953	74	73280	45.839	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	114586	45.607	ug/l	92
10) Methyl Iodide	4.589	142	137600	50.676	ug/l #	81
11) Tert butyl alcohol	5.518	59	112398	278.408	ug/l	100
12) 1,1-Dichloroethene	4.342	96	112410	47.834	ug/l	88
13) Acrolein	4.177	56	110634	309.653	ug/l	98
14) Allyl chloride	5.018	41	124598	42.142	ug/l	91
15) Acrylonitrile	5.712	53	254083	234.439	ug/l	99
16) Acetone	4.424	43	196343	159.232	ug/l	92
17) Carbon Disulfide	4.712	76	289960	41.324	ug/l	98
18) Methyl Acetate	5.024	43	177919	44.908	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	408736	49.252	ug/l	98
20) Methylene Chloride	5.277	84	123478	47.819	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	118155	45.767	ug/l	86
22) Diisopropyl ether	6.671	45	303804	46.444	ug/l	97
23) Vinyl Acetate	6.606	43	914823	232.627	ug/l	95
24) 1,1-Dichloroethane	6.571	63	214322	44.985	ug/l	99
25) 2-Butanone	7.483	43	287361	196.148	ug/l	93
26) 2,2-Dichloropropane	7.488	77	215987	45.694	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	138394	47.283	ug/l	90
28) Bromochloromethane	7.818	49	87256	46.586	ug/l	99
29) Tetrahydrofuran	7.835	42	181634	230.930	ug/l	96
30) Chloroform	7.965	83	252141	47.349	ug/l	95
31) Cyclohexane	8.259	56	166213	41.631	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	255408	49.182	ug/l	98
36) 1,1-Dichloropropene	8.371	75	177314	48.907	ug/l	94
37) Ethyl Acetate	7.559	43	119853	47.660	ug/l	99
38) Carbon Tetrachloride	8.365	117	236748	51.458	ug/l	96
39) Methylcyclohexane	9.600	83	167753	47.988	ug/l	89
40) Benzene	8.606	78	1454731	141.180	ug/l	99

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41) Methacrylonitrile	7.777	41	64429	46.653	ug/l	95
42) 1,2-Dichloroethane	8.671	62	211387	50.144	ug/l	95
43) Isopropyl Acetate	8.688	43	234008	47.818	ug/l	94
44) Trichloroethene	9.353	130	128075	47.385	ug/l	96
45) 1,2-Dichloropropane	9.624	63	115168	48.095	ug/l	98
46) Dibromomethane	9.712	93	90866	50.129	ug/l	90
47) Bromodichloromethane	9.888	83	203190	50.960	ug/l	95
48) Methyl methacrylate	9.682	41	125672	49.832	ug/l	91
49) 1,4-Dioxane	9.694	88	39822	949.163	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	620943	245.085	ug/l	99
52) Toluene	10.635	92	342387	53.096	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	205670	50.205	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	211070	50.431	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	119675	48.625	ug/l	98
56) Ethyl methacrylate	10.876	69	134075	53.324	ug/l	94
57) 1,3-Dichloropropane	11.165	76	210773	49.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	260342	183.792	ug/l	99
59) 2-Hexanone	11.200	43	458808	225.362	ug/l	96
60) Dibromochloromethane	11.359	129	147993	50.225	ug/l	98
61) 1,2-Dibromoethane	11.470	107	124594	49.622	ug/l	98
64) Tetrachloroethene	11.106	164	107466	45.669	ug/l	96
65) Chlorobenzene	11.894	112	336044	48.097	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138917	51.236	ug/l	94
67) Ethyl Benzene	11.965	91	2891934	232.608	ug/l	97
68) m/p-Xylenes	12.076	106	607766	134.075	ug/l	87
69) o-Xylene	12.400	106	425550	99.613	ug/l	86
70) Styrene	12.412	104	356505	56.068	ug/l #	83
71) Bromoform	12.582	173	103894	51.671	ug/l #	100
73) Isopropylbenzene	12.700	105	667428	52.792	ug/l	99
74) N-amyl acetate	12.494	43	171232	43.432	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	163879	43.310	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	176244m	44.213	ug/l	
77) Bromobenzene	12.982	156	144106	45.211	ug/l	97
78) n-propylbenzene	13.035	91	688388	48.693	ug/l	99
79) 2-Chlorotoluene	13.129	91	449973	49.006	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	578943	52.606	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	50632	42.913	ug/l #	82
82) 4-Chlorotoluene	13.223	91	433556	46.091	ug/l	97
83) tert-Butylbenzene	13.441	119	417744	47.334	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	753365	69.520	ug/l	97
85) sec-Butylbenzene	13.617	105	531366	47.595	ug/l	99
86) p-Isopropyltoluene	13.729	119	500817	50.216	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	259055	45.110	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	259471	44.960	ug/l	97
89) n-Butylbenzene	14.059	91	403080	48.287	ug/l	98
90) Hexachloroethane	14.335	117	86440	44.458	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	246611	44.876	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39444	44.879	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	140477	43.951	ug/l	95
94) Hexachlorobutadiene	15.506	225	75396	40.991	ug/l	99
95) Naphthalene	15.641	128	9035940	974.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	129655	43.278	ug/l	97

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

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