

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074999.D
 Acq On : 24 Oct 2022 21:27
 Operator : JC\MD
 Sample : N5222-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

Quant Time: Oct 25 06:52:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	483175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	904672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1082322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	938655	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	610921	47.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.180%		
35) Dibromofluoromethane	8.171	113	478453	44.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.860%		
50) Toluene-d8	10.571	98	2011114	48.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.853	95	863539	59.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	118.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	280392	37.123	ug/l	100
3) Chloromethane	2.371	50	350628	45.214	ug/l	93
4) Vinyl Chloride	2.524	62	521693	44.512	ug/l	99
5) Bromomethane	2.936	94	400667	42.133	ug/l	96
6) Chloroethane	3.112	64	404545	45.478	ug/l	91
7) Trichlorofluoromethane	3.501	101	566611	45.503	ug/l	94
8) Diethyl Ether	3.971	74	230916	40.327	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	331002	44.893	ug/l	99
10) Methyl Iodide	4.595	142	467206	43.246	ug/l	98
11) Tert butyl alcohol	5.542	59	541228	199.413	ug/l	98
12) 1,1-Dichloroethene	4.354	96	293740	44.266	ug/l	94
13) Acrolein	4.195	56	351373	265.772	ug/l	# 70
14) Allyl chloride	5.036	41	403778	34.346	ug/l	85
15) Acrylonitrile	5.736	53	1184412	215.729	ug/l	98
16) Acetone	4.442	43	1178640	270.238	ug/l	100
17) Carbon Disulfide	4.724	76	547588	40.007	ug/l	99
18) Methyl Acetate	5.042	43	674681	41.382	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	1759028	56.431	ug/l	# 1
20) Methylene Chloride	5.283	84	394625	45.544	ug/l	# 88
21) trans-1,2-Dichloroethene	5.795	96	333074	42.666	ug/l	92
22) Diisopropyl ether	6.683	45	1200109	44.608	ug/l	98
23) Vinyl Acetate	6.618	43	4320669	204.022	ug/l	96
24) 1,1-Dichloroethane	6.577	63	732184	44.014	ug/l	99
25) 2-Butanone	7.495	43	1727610	220.910	ug/l	100
26) 2,2-Dichloropropane	7.500	77	552721	35.157	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	475571	44.098	ug/l	96
28) Bromochloromethane	7.824	49	320959	46.303	ug/l	98
29) Tetrahydrofuran	7.847	42	1043106	216.265	ug/l	99
30) Chloroform	7.977	83	889960	47.346	ug/l	100
31) Cyclohexane	8.265	56	1220831	93.081	ug/l	# 92
32) 1,1,1-Trichloroethane	8.171	97	727586	43.018	ug/l	99
36) 1,1-Dichloropropene	8.377	75	546042	40.266	ug/l	98
37) Ethyl Acetate	7.571	43	624480	39.108	ug/l	99
38) Carbon Tetrachloride	8.365	117	608939	41.250	ug/l	94
39) Methylcyclohexane	9.606	83	1426816	88.804	ug/l	97
40) Benzene	8.612	78	10196343	243.889	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	325381	40.598	ug/l	99
42) 1,2-Dichloroethane	8.677	62	654719	41.371	ug/l	98
43) Isopropyl Acetate	8.694	43	1182410	47.741	ug/l	94
44) Trichloroethene	9.359	130	429019	41.810	ug/l	100
45) 1,2-Dichloropropane	9.624	63	474589	44.044	ug/l	100
46) Dibromomethane	9.712	93	348718	44.255	ug/l	95
47) Bromodichloromethane	9.888	83	742918	46.672	ug/l	95
48) Methyl methacrylate	9.683	41	437119	40.363	ug/l	95
49) 1,4-Dioxane	9.700	88	248197	792.682	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	3696743	225.335	ug/l	100
52) Toluene	10.635	92	1571172	57.594	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	748627	47.670	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	780141	44.921	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	763087	66.658	ug/l #	83
56) Ethyl methacrylate	10.877	69	859373	49.849	ug/l	92
57) 1,3-Dichloropropane	11.165	76	884853	45.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.147	63	2061	3.871	ug/l #	45
59) 2-Hexanone	11.200	43	2894276	232.626	ug/l	99
60) Dibromochloromethane	11.359	129	579888	48.252	ug/l	99
61) 1,2-Dibromoethane	11.471	107	559145	48.441	ug/l	93
64) Tetrachloroethene	11.106	164	350919	39.649	ug/l	98
65) Chlorobenzene	11.894	112	1396702	42.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	652913	52.933	ug/l	98
67) Ethyl Benzene	11.953	91	23127258m	398.019	ug/l	
68) m/p-Xylenes	12.065	106	23439397m	1034.563	ug/l	
69) o-Xylene	12.400	106	2384378	105.059	ug/l	98
70) Styrene	12.412	104	1982692	55.117	ug/l	92
71) Bromoform	12.582	173	481522	51.725	ug/l #	99
73) Isopropylbenzene	12.700	105	6600663	86.092	ug/l	100
74) N-amyl acetate	12.494	43	1086392	35.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	1001960	34.993	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	865224m	33.990	ug/l	
77) Bromobenzene	12.982	156	674364	38.356	ug/l	89
78) n-propylbenzene	13.035	91	10850470	120.922	ug/l	97
79) 2-Chlorotoluene	13.224	91	2044143	36.776	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	15371530	232.106	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.735	75	287205	36.175	ug/l	95
82) 4-Chlorotoluene	13.224	91	2044143	36.776	ug/l	93
83) tert-Butylbenzene	13.441	119	2487629	42.446	ug/l	96
84) 1,2,4-Trimethylbenzene	13.335	105	15783406	235.960	ug/l	83
85) sec-Butylbenzene	13.618	105	3995502	48.556	ug/l	91
86) p-Isopropyltoluene	13.735	119	3231151	47.678	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1426945	42.420	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	1443705	42.332	ug/l	98
89) n-Butylbenzene	14.059	91	3067883	53.012	ug/l #	82
90) Hexachloroethane	14.335	117	1168691	89.007	ug/l	62
91) 1,2-Dichlorobenzene	14.106	146	1411226	40.929	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	244451	41.088	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	819095	54.588	ug/l	92
94) Hexachlorobutadiene	15.506	225	324423	41.879	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	813672	53.881	ug/l	93

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

