

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074014.D
 Acq On : 18 Aug 2022 19:05
 Operator : JC\MD
 Sample : N4229-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMS

Quant Time: Aug 19 00:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	530161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	828792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	756637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	382975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295224	57.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.340%			
35) Dibromofluoromethane	7.951	113	259654	52.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.960%			
50) Toluene-d8	10.380	98	979624	51.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.220%			
62) 4-Bromofluorobenzene	12.669	95	341630	54.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	193015	45.915	ug/l	96
3) Chloromethane	2.269	50	252958	54.112	ug/l	96
4) Vinyl Chloride	2.405	62	313158	52.183	ug/l	99
5) Bromomethane	2.787	94	138912	37.067	ug/l	100
6) Chloroethane	2.957	64	204749	48.295	ug/l	100
7) Trichlorofluoromethane	3.310	101	423174	54.663	ug/l	99
8) Diethyl Ether	3.763	74	158920	55.301	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	198165	44.065	ug/l	93
10) Methyl Iodide	4.346	142	200418	37.121	ug/l	98
11) Tert butyl alcohol	5.293	59	369562	319.953	ug/l	99
12) 1,1-Dichloroethene	4.116	96	210729	50.363	ug/l	93
13) Acrolein	3.981	56	273888	338.767	ug/l	99
14) Allyl chloride	4.763	41	339945	54.858	ug/l	97
15) Acrylonitrile	5.475	53	871467	309.035	ug/l	99
16) Acetone	4.222	43	748343	307.177	ug/l	99
17) Carbon Disulfide	4.457	76	492302	49.483	ug/l	98
18) Methyl Acetate	4.775	43	406228	67.614	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	830724	55.125	ug/l	97
20) Methylene Chloride	5.016	84	265508	51.648	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	235455	51.077	ug/l	97
22) Diisopropyl ether	6.410	45	760634	57.892	ug/l	97
23) Vinyl Acetate	6.351	43	3269757	290.402	ug/l	100
24) 1,1-Dichloroethane	6.304	63	448156	54.797	ug/l	98
25) 2-Butanone	7.257	43	1209146	313.021	ug/l	99
26) 2,2-Dichloropropane	7.251	77	291692	37.962	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	296745	52.175	ug/l	93
28) Bromochloromethane	7.587	49	172094	57.053	ug/l	90
29) Tetrahydrofuran	7.610	42	785077	316.828	ug/l	97
30) Chloroform	7.745	83	490512	53.637	ug/l	97
31) Cyclohexane	8.022	56	343945	47.781	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	421935	52.027	ug/l	97
36) 1,1-Dichloropropene	8.151	75	330589	48.560	ug/l	99
37) Ethyl Acetate	7.339	43	448921	54.430	ug/l	99
38) Carbon Tetrachloride	8.139	117	362960	46.644	ug/l	99
39) Methylcyclohexane	9.398	83	358358	42.010	ug/l	97
40) Benzene	8.392	78	1070017	49.799	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	184441	49.485	ug/l	90
42) 1,2-Dichloroethane	8.463	62	374969	50.754	ug/l	99
43) Isopropyl Acetate	8.498	43	648379	55.184	ug/l	99
44) Trichloroethene	9.151	130	283715	45.716	ug/l	99
45) 1,2-Dichloropropane	9.428	63	267336	51.909	ug/l	100
46) Dibromomethane	9.516	93	195184	49.849	ug/l	94
47) Bromodichloromethane	9.698	83	380490	50.841	ug/l	98
48) Methyl methacrylate	9.498	41	291003	57.883	ug/l	93
49) 1,4-Dioxane	9.504	88	171092	1144.386	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	2318595	291.874	ug/l	99
52) Toluene	10.445	92	695010	47.171	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	392786	50.016	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	420849	48.979	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	294892	51.452	ug/l	99
56) Ethyl methacrylate	10.704	69	468145	57.269	ug/l	95
57) 1,3-Dichloropropane	10.986	76	490840	52.672	ug/l	99
59) 2-Hexanone	11.027	43	1835764	300.274	ug/l	99
60) Dibromochloromethane	11.180	129	320213	50.522	ug/l	99
61) 1,2-Dibromoethane	11.286	107	308345	50.300	ug/l	98
64) Tetrachloroethene	10.916	164	246228	41.231	ug/l	98
65) Chlorobenzene	11.710	112	770242	47.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	300584	49.363	ug/l	99
67) Ethyl Benzene	11.786	91	1328035	49.660	ug/l	98
68) m/p-Xylenes	11.892	106	1043946	96.077	ug/l	99
69) o-Xylene	12.222	106	530468	48.684	ug/l	97
70) Styrene	12.233	104	850328	49.847	ug/l	99
71) Bromoform	12.398	173	266356	48.993	ug/l #	100
73) Isopropylbenzene	12.521	105	1350352	48.422	ug/l	99
74) N-amyl acetate	12.327	43	530881	50.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	483601	51.677	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	352670m	44.305	ug/l	
77) Bromobenzene	12.798	156	354166	46.919	ug/l	95
78) n-propylbenzene	12.863	91	1456485	48.997	ug/l	98
79) 2-Chlorotoluene	12.945	91	916458	49.472	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1132538	49.929	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	134826	48.174	ug/l	98
82) 4-Chlorotoluene	13.045	91	878377	49.924	ug/l	97
83) tert-Butylbenzene	13.263	119	1009968	48.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1132627	50.002	ug/l	99
85) sec-Butylbenzene	13.439	105	1373958	50.780	ug/l	98
86) p-Isopropyltoluene	13.557	119	1177720	51.094	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	623607	47.638	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	614138	46.293	ug/l	98
89) n-Butylbenzene	13.880	91	883351	48.384	ug/l	99
90) Hexachloroethane	14.151	117	206398	48.987	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	643188	47.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	116204	52.591	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	386849	47.020	ug/l	99
94) Hexachlorobutadiene	15.304	225	191706	44.204	ug/l	98
95) Naphthalene	15.433	128	1378464	51.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	410224	48.240	ug/l	99

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

