

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073830.D
 Acq On : 11 Aug 2022 17:17
 Operator : JC\MD
 Sample : N4169-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809MS

Quant Time: Aug 12 06:04:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	349013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	558133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	527715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	268584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208180	48.946	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	7.951	113	181312	51.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.460%		
50) Toluene-d8	10.381	98	679922	49.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.600%		
62) 4-Bromofluorobenzene	12.675	95	230963	47.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	181386	53.582	ug/l	97
3) Chloromethane	2.269	50	244643	60.664	ug/l	98
4) Vinyl Chloride	2.405	62	290131	49.005	ug/l	98
5) Bromomethane	2.775	94	163609	47.649	ug/l	99
6) Chloroethane	2.940	64	206347	60.189	ug/l	96
7) Trichlorofluoromethane	3.299	101	393317	64.461	ug/l	100
8) Diethyl Ether	3.757	74	124338	54.270	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.122	101	177369	52.541	ug/l	98
10) Methyl Iodide	4.340	142	226759	66.074	ug/l	97
11) Tert butyl alcohol	5.304	59	282978	308.496	ug/l	100
12) 1,1-Dichloroethene	4.104	96	179971	54.350	ug/l	95
13) Acrolein	3.975	56	249273	274.111	ug/l	97
14) Allyl chloride	4.751	41	292350	55.222	ug/l	98
15) Acrylonitrile	5.475	53	750850	295.916	ug/l	100
16) Acetone	4.222	43	629531	275.569	ug/l	100
17) Carbon Disulfide	4.452	76	483053	55.017	ug/l	98
18) Methyl Acetate	4.775	43	312922	55.058	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	652853	57.711	ug/l	98
20) Methylene Chloride	5.004	84	223098	60.845	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	199334	55.610	ug/l	98
22) Diisopropyl ether	6.416	45	640310	56.061	ug/l	98
23) Vinyl Acetate	6.351	43	2728111	284.889	ug/l	100
24) 1,1-Dichloroethane	6.298	63	376867	53.634	ug/l	99
25) 2-Butanone	7.263	43	1028816	289.992	ug/l	100
26) 2,2-Dichloropropane	7.245	77	256987	47.536	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	244009	55.251	ug/l	94
28) Bromochloromethane	7.581	49	139674	47.341	ug/l	99
29) Tetrahydrofuran	7.610	42	672284	299.718	ug/l	100
30) Chloroform	7.745	83	395099	53.968	ug/l	98
31) Cyclohexane	8.022	56	310405	49.020	ug/l	96
32) 1,1,1-Trichloroethane	7.940	97	339914	55.918	ug/l	98
36) 1,1-Dichloropropene	8.151	75	275818	55.218	ug/l	99
37) Ethyl Acetate	7.340	43	378983	57.611	ug/l	97
38) Carbon Tetrachloride	8.134	117	290468	57.255	ug/l	98
39) Methylcyclohexane	9.392	83	325912	54.601	ug/l	99
40) Benzene	8.392	78	912574	56.261	ug/l	100

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41) Methacrylonitrile	7.569	41	178724	60.041	ug/l	94
42) 1,2-Dichloroethane	8.463	62	300866	55.036	ug/l	99
43) Isopropyl Acetate	8.498	43	508785	57.262	ug/l	99
44) Trichloroethene	9.151	130	226198	54.991	ug/l	98
45) 1,2-Dichloropropane	9.428	63	228943	56.468	ug/l	98
46) Dibromomethane	9.516	93	161042	57.231	ug/l	98
47) Bromodichloromethane	9.698	83	313257	58.003	ug/l	100
48) Methyl methacrylate	9.498	41	241612	62.122	ug/l	93
49) 1,4-Dioxane	9.504	88	144132	1314.651	ug/l	97
51) 4-Methyl-2-Pentanone	10.275	43	1953996	306.612	ug/l	99
52) Toluene	10.445	92	578153	58.354	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	322181	60.386	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	341399	56.783	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	239076	57.866	ug/l	98
56) Ethyl methacrylate	10.704	69	376965	66.200	ug/l	99
57) 1,3-Dichloropropane	10.986	76	398723	56.882	ug/l	100
59) 2-Hexanone	11.028	43	1544447	319.872	ug/l	100
60) Dibromochloromethane	11.180	129	254215	61.850	ug/l	100
61) 1,2-Dibromoethane	11.286	107	249887	58.726	ug/l	99
64) Tetrachloroethene	10.916	164	194715	46.428	ug/l	98
65) Chlorobenzene	11.710	112	620834	55.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	236430	58.807	ug/l	99
67) Ethyl Benzene	11.786	91	1103512	58.355	ug/l	100
68) m/p-Xylenes	11.892	106	853873	118.390	ug/l	99
69) o-Xylene	12.222	106	424054	60.307	ug/l	98
70) Styrene	12.233	104	705249	62.655	ug/l	98
71) Bromoform	12.398	173	210297	63.371	ug/l	100
73) Isopropylbenzene	12.522	105	1090288	55.454	ug/l	99
74) N-amyl acetate	12.333	43	425611	57.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	398496	52.524	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	292012m	59.993	ug/l	
77) Bromobenzene	12.804	156	283901	55.449	ug/l	96
78) n-propylbenzene	12.863	91	1253220	56.649	ug/l	100
79) 2-Chlorotoluene	12.951	91	747149	54.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	923281	57.064	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	116091	56.015	ug/l	99
82) 4-Chlorotoluene	13.045	91	716926	54.785	ug/l	98
83) tert-Butylbenzene	13.263	119	812508	56.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	918833	57.753	ug/l	100
85) sec-Butylbenzene	13.439	105	1133495	57.226	ug/l	99
86) p-Isopropyltoluene	13.557	119	940349	60.222	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	497083	53.188	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	491392	52.550	ug/l	99
89) n-Butylbenzene	13.880	91	722511	56.868	ug/l	99
90) Hexachloroethane	14.151	117	175851	56.762	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	511493	54.010	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	87818	57.610	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	275784	58.640	ug/l	99
94) Hexachlorobutadiene	15.304	225	143893	56.280	ug/l	99
95) Naphthalene	15.433	128	950116	62.256	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	290563	58.702	ug/l	100

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

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

