

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074127.D
 Acq On : 25 Aug 2022 20:32
 Operator : JC\MD
 Sample : N4280-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20220817MS

Quant Time: Aug 26 02:06:53 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 :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	435033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	687684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	634963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	322745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	248775	58.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.420%			
35) Dibromofluoromethane	7.951	113	224022	55.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.160%			
50) Toluene-d8	10.380	98	813312	51.636	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.669	95	287668	55.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	197793	57.340	ug/l	98
3) Chloromethane	2.269	50	184213	48.023	ug/l	95
4) Vinyl Chloride	2.405	62	256510	52.090	ug/l	100
5) Bromomethane	2.787	94	101965	33.158	ug/l	100
6) Chloroethane	2.957	64	180727	51.950	ug/l	100
7) Trichlorofluoromethane	3.310	101	382164	60.161	ug/l	100
8) Diethyl Ether	3.763	74	140121	59.422	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	197610	53.550	ug/l	96
10) Methyl Iodide	4.346	142	121527	27.431	ug/l	97
11) Tert butyl alcohol	5.298	59	293570	309.740	ug/l	100
12) 1,1-Dichloroethene	4.110	96	192854	56.169	ug/l	92
13) Acrolein	3.981	56	106861	161.077	ug/l	100
14) Allyl chloride	4.757	41	309964	60.957	ug/l	95
15) Acrylonitrile	5.475	53	823818	356.020	ug/l	98
16) Acetone	4.222	43	664859	332.586	ug/l	95
17) Carbon Disulfide	4.457	76	483189	59.187	ug/l	98
18) Methyl Acetate	4.775	43	338733	68.752	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	707734	57.234	ug/l	100
20) Methylene Chloride	5.010	84	241126	57.162	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	211116	55.812	ug/l	99
22) Diisopropyl ether	6.416	45	689565	63.959	ug/l	97
23) Vinyl Acetate	6.351	43	2850612	308.537	ug/l	99
24) 1,1-Dichloroethane	6.304	63	406879	60.629	ug/l	99
25) 2-Butanone	7.263	43	1107847	349.510	ug/l	99
26) 2,2-Dichloropropane	7.251	77	250148	39.674	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	265130	56.809	ug/l	93
28) Bromochloromethane	7.587	49	154256	62.322	ug/l	97
29) Tetrahydrofuran	7.610	42	718374	353.303	ug/l	98
30) Chloroform	7.745	83	432546	57.641	ug/l	99
31) Cyclohexane	8.022	56	334366	56.607	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	368316	55.347	ug/l	98
36) 1,1-Dichloropropene	8.151	75	296448	52.480	ug/l	100
37) Ethyl Acetate	7.339	43	377251	55.126	ug/l	98
38) Carbon Tetrachloride	8.134	117	314593	48.723	ug/l	98
39) Methylcyclohexane	9.392	83	354210	50.044	ug/l	97
40) Benzene	8.392	78	979917	54.964	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	186618	60.342	ug/l	96
42) 1,2-Dichloroethane	8.463	62	324959	53.010	ug/l	98
43) Isopropyl Acetate	8.498	43	534362	54.812	ug/l	98
44) Trichloroethene	9.151	130	392138	76.153	ug/l	97
45) 1,2-Dichloropropane	9.428	63	244445	57.203	ug/l	97
46) Dibromomethane	9.516	93	177179	54.535	ug/l	98
47) Bromodichloromethane	9.704	83	335766	54.071	ug/l	99
48) Methyl methacrylate	9.498	41	251205	60.220	ug/l	90
49) 1,4-Dioxane	9.504	88	154892	1248.615	ug/l	99
51) 4-Methyl-2-Pentanone	10.275	43	2060581	312.620	ug/l	99
52) Toluene	10.445	92	615994	50.387	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	334277	51.300	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	362094	50.788	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	261341	54.955	ug/l	98
56) Ethyl methacrylate	10.704	69	403362	59.470	ug/l	94
57) 1,3-Dichloropropane	10.986	76	436525	56.456	ug/l	100
59) 2-Hexanone	11.027	43	1632377	321.794	ug/l	98
60) Dibromochloromethane	11.180	129	278217	52.903	ug/l	100
61) 1,2-Dibromoethane	11.286	107	266254	52.346	ug/l	98
64) Tetrachloroethene	10.916	164	219274	43.753	ug/l	97
65) Chlorobenzene	11.710	112	669934	49.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	258085	50.506	ug/l	98
67) Ethyl Benzene	11.786	91	1181575	52.650	ug/l	98
68) m/p-Xylenes	11.892	106	930569	102.054	ug/l	100
69) o-Xylene	12.222	106	458780	50.173	ug/l	99
70) Styrene	12.233	104	763771	53.352	ug/l	99
71) Bromoform	12.398	173	228871	50.165	ug/l	99
73) Isopropylbenzene	12.521	105	1179626	50.194	ug/l	100
74) N-amyl acetate	12.327	43	438233	49.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	434676	55.117	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	359084m	53.529	ug/l	
77) Bromobenzene	12.798	156	305798	48.072	ug/l	97
78) n-propylbenzene	12.857	91	1330674	53.118	ug/l	100
79) 2-Chlorotoluene	12.945	91	813299	52.097	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	987175	51.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	120763	51.202	ug/l	97
82) 4-Chlorotoluene	13.045	91	779008	52.538	ug/l	97
83) tert-Butylbenzene	13.263	119	885214	50.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	1002895	52.538	ug/l	100
85) sec-Butylbenzene	13.439	105	1225557	53.749	ug/l	99
86) p-Isopropyltoluene	13.557	119	1029676	53.008	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	542887	49.211	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	535629	47.910	ug/l	99
89) n-Butylbenzene	13.880	91	781125	50.769	ug/l	100
90) Hexachloroethane	14.151	117	180403	50.808	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	557652	48.952	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	97913	52.583	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	320544	46.232	ug/l	100
94) Hexachlorobutadiene	15.298	225	163089	44.623	ug/l	99
95) Naphthalene	15.433	128	1133410	50.142	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	341144	47.603	ug/l	99

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

