

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073817.D
 Acq On : 11 Aug 2022 11:43
 Operator : JC\MD
 Sample : VN0811WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBS01

Quant Time: Aug 12 05:58:07 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	381988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	594835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	539703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	261246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	222266	47.746	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.500%
35) Dibromofluoromethane	7.951	113	190935	51.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	10.380	98	720690	49.032	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.674	95	234232	45.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	63332	17.094	ug/l	97
3) Chloromethane	2.269	50	83354	17.068	ug/l	97
4) Vinyl Chloride	2.404	62	102781	15.862	ug/l	97
5) Bromomethane	2.798	94	85050	22.631	ug/l	97
6) Chloroethane	2.969	64	68835	16.801	ug/l	97
7) Trichlorofluoromethane	3.310	101	125069	18.728	ug/l	97
8) Diethyl Ether	3.769	74	46644	18.601	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	73726	19.954	ug/l	98
10) Methyl Iodide	4.351	142	65228	17.366	ug/l	97
11) Tert butyl alcohol	5.292	59	97680	97.296	ug/l	100
12) 1,1-Dichloroethene	4.116	96	64927	17.915	ug/l	90
13) Acrolein	3.981	56	63266	63.564	ug/l	100
14) Allyl chloride	4.757	41	103305	17.829	ug/l	99
15) Acrylonitrile	5.475	53	265030	95.434	ug/l	100
16) Acetone	4.222	43	219503	87.790	ug/l	99
17) Carbon Disulfide	4.457	76	152132	15.831	ug/l	100
18) Methyl Acetate	4.775	43	139545	22.433	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	250645	20.244	ug/l	99
20) Methylene Chloride	5.016	84	86543	20.077	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	71946	18.339	ug/l	94
22) Diisopropyl ether	6.410	45	236154	18.891	ug/l	99
23) Vinyl Acetate	6.351	43	1002279	95.630	ug/l	99
24) 1,1-Dichloroethane	6.304	63	146374	19.033	ug/l	99
25) 2-Butanone	7.257	43	364000	93.744	ug/l	100
26) 2,2-Dichloropropane	7.245	77	113811	19.235	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	90871	18.800	ug/l	97
28) Bromochloromethane	7.586	49	60475	18.728	ug/l	99
29) Tetrahydrofuran	7.610	42	233573	95.143	ug/l	99
30) Chloroform	7.745	83	156204	19.495	ug/l	97
31) Cyclohexane	8.022	56	118227	17.059	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	128260	19.278	ug/l	100
36) 1,1-Dichloropropene	8.151	75	99911	18.768	ug/l	99
37) Ethyl Acetate	7.339	43	141893	20.239	ug/l	97
38) Carbon Tetrachloride	8.133	117	105326	19.480	ug/l	94
39) Methylcyclohexane	9.392	83	121504	19.100	ug/l	98
40) Benzene	8.392	78	336932	19.490	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	65597	20.677	ug/l #	92
42) 1,2-Dichloroethane	8.463	62	116332	19.967	ug/l	99
43) Isopropyl Acetate	8.492	43	192154	20.292	ug/l	99
44) Trichloroethene	9.151	130	87912	20.054	ug/l	99
45) 1,2-Dichloropropane	9.427	63	84866	19.641	ug/l	99
46) Dibromomethane	9.516	93	59515	19.845	ug/l	97
47) Bromodichloromethane	9.698	83	119925	20.835	ug/l	99
48) Methyl methacrylate	9.498	41	82063	19.798	ug/l	91
49) 1,4-Dioxane	9.504	88	49174	420.850	ug/l	90
51) 4-Methyl-2-Pentanone	10.269	43	697744	102.731	ug/l	99
52) Toluene	10.445	92	216088	20.464	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	115952	20.392	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	130188	20.317	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	92057	20.907	ug/l	94
56) Ethyl methacrylate	10.704	69	130046	21.429	ug/l	99
57) 1,3-Dichloropropane	10.986	76	150414	20.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	258167	87.134	ug/l	100
59) 2-Hexanone	11.027	43	532301	103.443	ug/l	98
60) Dibromochloromethane	11.180	129	94843	21.651	ug/l	100
61) 1,2-Dibromoethane	11.286	107	93796	20.683	ug/l	98
64) Tetrachloroethene	10.916	164	84631	19.731	ug/l	97
65) Chlorobenzene	11.710	112	232628	20.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	89059	21.659	ug/l	98
67) Ethyl Benzene	11.786	91	392643	20.302	ug/l	99
68) m/p-Xylenes	11.892	106	304301	41.254	ug/l	99
69) o-Xylene	12.221	106	152858	21.256	ug/l	97
70) Styrene	12.233	104	246271	21.393	ug/l	97
71) Bromoform	12.398	173	75059	22.116	ug/l #	99
73) Isopropylbenzene	12.521	105	389971	20.392	ug/l	100
74) N-amyl acetate	12.327	43	145291	20.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	144191	19.539	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	122215m	23.851	ug/l	
77) Bromobenzene	12.798	156	99152	19.909	ug/l	99
78) n-propylbenzene	12.863	91	439593	20.429	ug/l	100
79) 2-Chlorotoluene	12.945	91	263625	19.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	328778	20.891	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	40297	19.990	ug/l	98
82) 4-Chlorotoluene	13.045	91	257033	20.193	ug/l	99
83) tert-Butylbenzene	13.262	119	279020	20.016	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	328136	21.204	ug/l	99
85) sec-Butylbenzene	13.439	105	395058	20.505	ug/l	100
86) p-Isopropyltoluene	13.557	119	321716	21.182	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	180146	19.817	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	178959	19.676	ug/l	99
89) n-Butylbenzene	13.880	91	247531	20.030	ug/l	97
90) Hexachloroethane	14.151	117	61255	20.327	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	185468	20.134	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	29391	19.822	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	97727	21.364	ug/l	98
94) Hexachlorobutadiene	15.298	225	53234	21.406	ug/l	98
95) Naphthalene	15.439	128	308493	20.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	103184	21.432	ug/l	99

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

