

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073357.D
 Acq On : 06 Jul 2022 20:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 04:26:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/07/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	241839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	431972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	392900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	182837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184063	52.722	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.440%	
35) Dibromofluoromethane	7.951	113	149758	52.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.220%	
50) Toluene-d8	10.380	98	515865	50.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.669	95	215232	54.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	167176	47.282	ug/l	98
3) Chloromethane	2.263	50	168480	49.082	ug/l	98
4) Vinyl Chloride	2.404	62	147341	50.518	ug/l	99
5) Bromomethane	2.787	94	57448	41.702	ug/l	100
6) Chloroethane	2.957	64	91554	53.362	ug/l	98
7) Trichlorofluoromethane	3.310	101	228363	45.289	ug/l	97
8) Diethyl Ether	3.763	74	112779	54.944	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.140	101	135692	45.543	ug/l	99
10) Methyl Iodide	4.351	142	169787	48.359	ug/l	97
11) Tert butyl alcohol	5.293	59	254623	301.069	ug/l	99
12) 1,1-Dichloroethene	4.110	96	141986	49.874	ug/l	97
13) Acrolein	3.981	56	128864	241.067	ug/l	98
14) Allyl chloride	4.757	41	305762	50.982	ug/l #	92
15) Acrylonitrile	5.475	53	644844	296.190	ug/l	100
16) Acetone	4.222	43	582032	297.004	ug/l	93
17) Carbon Disulfide	4.457	76	335783	45.486	ug/l	98
18) Methyl Acetate	4.775	43	320688	58.395	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	577994	55.705	ug/l	99
20) Methylene Chloride	5.010	84	178575	51.852	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	147104	49.452	ug/l	92
22) Diisopropyl ether	6.410	45	620993	55.489	ug/l	93
23) Vinyl Acetate	6.351	43	2762329	275.685	ug/l	94
24) 1,1-Dichloroethane	6.304	63	311854	53.847	ug/l	99
25) 2-Butanone	7.257	43	947233	303.599	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	205733	38.409	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	186561	51.789	ug/l	100
28) Bromochloromethane	7.581	49	139390	57.469	ug/l	87
29) Tetrahydrofuran	7.610	42	622326	291.304	ug/l	88
30) Chloroform	7.745	83	311825	53.458	ug/l	98
31) Cyclohexane	8.022	56	249986	43.721	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	269486	51.842	ug/l	99
36) 1,1-Dichloropropene	8.151	75	209117	47.288	ug/l	99
37) Ethyl Acetate	7.339	43	364543	54.557	ug/l	95
38) Carbon Tetrachloride	8.134	117	214565	46.919	ug/l	100
39) Methylcyclohexane	9.392	83	248154	45.073	ug/l	96
40) Benzene	8.392	78	686671	50.315	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	159694	49.280	ug/l	93
42) 1,2-Dichloroethane	8.463	62	257963	52.144	ug/l	98
43) Isopropyl Acetate	8.492	43	533130	55.517	ug/l	94
44) Trichloroethene	9.151	130	169658	48.850	ug/l	93
45) 1,2-Dichloropropane	9.428	63	182224	52.386	ug/l	98
46) Dibromomethane	9.510	93	122976	52.067	ug/l	93
47) Bromodichloromethane	9.698	83	243768	53.289	ug/l	99
48) Methyl methacrylate	9.498	41	236648	53.224	ug/l	90
49) 1,4-Dioxane	9.504	88	97136	1150.805	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	1778007	291.968	ug/l	91
52) Toluene	10.439	92	425882	50.495	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	261732	51.974	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	282142	51.896	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	181626	52.308	ug/l	97
56) Ethyl methacrylate	10.704	69	314436	56.027	ug/l	88
57) 1,3-Dichloropropane	10.986	76	313407	52.654	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	736214	294.140	ug/l	95
59) 2-Hexanone	11.027	43	1387413	298.881	ug/l	89
60) Dibromochloromethane	11.175	129	182138	55.019	ug/l	99
61) 1,2-Dibromoethane	11.286	107	187918	54.184	ug/l	98
64) Tetrachloroethene	10.916	164	152098	47.407	ug/l	95
65) Chlorobenzene	11.710	112	448574	50.481	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	165873	50.750	ug/l	99
67) Ethyl Benzene	11.780	91	816978	50.643	ug/l	100
68) m/p-Xylenes	11.892	106	608431	99.935	ug/l	96
69) o-Xylene	12.221	106	314091	50.535	ug/l	98
70) Styrene	12.233	104	516362	53.811	ug/l	98
71) Bromoform	12.398	173	134126	56.083	ug/l #	99
73) Isopropylbenzene	12.516	105	789771	50.021	ug/l	99
74) N-amyl acetate	12.327	43	422501	53.442	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	286892	54.758	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	252715m	52.860	ug/l	
77) Bromobenzene	12.798	156	188573	51.370	ug/l	87
78) n-propylbenzene	12.857	91	897071	51.144	ug/l	97
79) 2-Chlorotoluene	12.945	91	558470	50.307	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	652731	50.721	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	91420	52.442	ug/l	95
82) 4-Chlorotoluene	13.045	91	536198	49.891	ug/l	99
83) tert-Butylbenzene	13.263	119	573998	49.751	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	653698	50.877	ug/l	97
85) sec-Butylbenzene	13.439	105	802587	51.806	ug/l	99
86) p-Isopropyltoluene	13.557	119	652438	52.133	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	329619	50.052	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	334364	50.674	ug/l	99
89) n-Butylbenzene	13.880	91	545141	52.274	ug/l	99
90) Hexachloroethane	14.145	117	116193	49.819	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	344075	51.289	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	72125	56.638	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	183446	52.518	ug/l	99
94) Hexachlorobutadiene	15.298	225	79044	50.905	ug/l	97
95) Naphthalene	15.433	128	753351	53.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	190960	52.996	ug/l	98

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

07/07/2022

Abundance TIC: VN073357.D\data.ms