

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072580.D
 Acq On : 20 May 2022 17:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 21 01:33:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	198089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	292814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	272477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	131122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	147492	47.922	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.840%		
35) Dibromofluoromethane	8.022	113	98414	49.812	ug/l	0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.620%		
50) Toluene-d8	10.439	98	376421	50.334	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.727	95	137550	48.420	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	101642	44.823	ug/l	99
3) Chloromethane	2.298	50	86843	42.362	ug/l	97
4) Vinyl Chloride	2.446	62	88885	53.125	ug/l	96
5) Bromomethane	2.828	94	64514	41.080	ug/l	99
6) Chloroethane	3.004	64	56949	40.591	ug/l	97
7) Trichlorofluoromethane	3.369	101	189316	49.022	ug/l	99
8) Diethyl Ether	3.822	74	55716	48.583	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	88531	48.146	ug/l	96
10) Methyl Iodide	4.422	142	120817	51.438	ug/l #	83
11) Tert butyl alcohol	5.363	59	85332	303.087	ug/l	98
12) 1,1-Dichloroethene	4.181	96	77780	48.117	ug/l	85
13) Acrolein	4.040	56	90056	230.524	ug/l	93
14) Allyl chloride	4.834	41	136635	49.694	ug/l	88
15) Acrylonitrile	5.545	53	239582	220.355	ug/l	98
16) Acetone	4.281	43	216591	232.159	ug/l	90
17) Carbon Disulfide	4.534	76	194808	46.537	ug/l	99
18) Methyl Acetate	4.851	43	109735	42.471	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	343472	51.453	ug/l	94
20) Methylene Chloride	5.092	84	97086	43.832	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	87902	48.524	ug/l	96
22) Diisopropyl ether	6.492	45	297421	49.125	ug/l	97
23) Vinyl Acetate	6.428	43	1305047	249.312	ug/l	97
24) 1,1-Dichloroethane	6.381	63	178534	48.486	ug/l	98
25) 2-Butanone	7.328	43	323236	220.350	ug/l	95
26) 2,2-Dichloropropane	7.322	77	176141	51.567	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	107272	48.085	ug/l	93
28) Bromochloromethane	7.657	49	67757	45.016	ug/l	99
29) Tetrahydrofuran	7.680	42	210869	237.538	ug/l	96
30) Chloroform	7.810	83	202958	48.162	ug/l	99
31) Cyclohexane	8.092	56	154248	45.089	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	198207	50.972	ug/l	98
36) 1,1-Dichloropropene	8.216	75	141940	52.772	ug/l	97
37) Ethyl Acetate	7.404	43	144266	48.809	ug/l	96
38) Carbon Tetrachloride	8.204	117	175302	52.657	ug/l	98
39) Methylcyclohexane	9.457	83	159976	50.962	ug/l	96
40) Benzene	8.457	78	390317	49.663	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	76544	53.983	ug/l #	87
42) 1,2-Dichloroethane	8.527	62	182078	49.926	ug/l	94
43) Isopropyl Acetate	8.557	43	229625	48.310	ug/l	97
44) Trichloroethene	9.210	130	108007	50.550	ug/l	98
45) 1,2-Dichloropropane	9.486	63	95935	49.657	ug/l	97
46) Dibromomethane	9.574	93	74598	51.076	ug/l	96
47) Bromodichloromethane	9.757	83	165018	54.214	ug/l	98
48) Methyl methacrylate	9.557	41	112353	49.644	ug/l	89
49) 1,4-Dioxane	9.563	88	36139	1834.227	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	692706	220.861	ug/l	95
52) Toluene	10.504	92	261672	51.350	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	171454	52.458	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	173617	53.805	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	102572	46.316	ug/l	98
56) Ethyl methacrylate	10.757	69	160433	48.378	ug/l	89
57) 1,3-Dichloropropane	11.039	76	180691	48.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	200168	247.231	ug/l	99
59) 2-Hexanone	11.080	43	487272	223.520	ug/l	93
60) Dibromochloromethane	11.233	129	129372	51.127	ug/l	99
61) 1,2-Dibromoethane	11.339	107	109890	47.848	ug/l	100
64) Tetrachloroethene	10.974	164	101551	53.706	ug/l	97
65) Chlorobenzene	11.768	112	278135	49.815	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.833	131	117505	52.411	ug/l	96
67) Ethyl Benzene	11.839	91	519959	53.800	ug/l	98
68) m/p-Xylenes	11.951	106	394583	106.049	ug/l	90
69) o-Xylene	12.274	106	193744	51.115	ug/l	90
70) Styrene	12.292	104	320086	54.849	ug/l	95
71) Bromoform	12.457	173	93950	54.453	ug/l #	99
73) Isopropylbenzene	12.574	105	531599	49.037	ug/l	98
74) N-amyl acetate	12.386	43	160329	44.400	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	146509	44.613	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	141117m	35.626	ug/l	
77) Bromobenzene	12.857	156	122603	44.151	ug/l	100
78) n-propylbenzene	12.915	91	586337	49.454	ug/l	99
79) 2-Chlorotoluene	13.004	91	367891	46.319	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	457801	48.694	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	45211	47.584	ug/l	86
82) 4-Chlorotoluene	13.098	91	359603	48.604	ug/l	97
83) tert-Butylbenzene	13.315	119	406255	50.876	ug/l	94
84) 1,2,4-Trimethylbenzene	13.362	105	445398	49.389	ug/l	95
85) sec-Butylbenzene	13.498	105	543742	52.434	ug/l	99
86) p-Isopropyltoluene	13.609	119	461891	54.161	ug/l	95
87) 1,3-Dichlorobenzene	13.609	146	223926	49.231	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	219179	49.542	ug/l	96
89) n-Butylbenzene	13.939	91	342570	53.066	ug/l	98
90) Hexachloroethane	14.204	117	76677	50.255	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	216599	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	32854	47.286	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	105568	52.960	ug/l	98
94) Hexachlorobutadiene	15.362	225	61667	49.258	ug/l	98
95) Naphthalene	15.503	128	277751	48.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	102207	49.711	ug/l	98

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

