

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074721.D
 Acq On : 03 Oct 2022 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 06:16:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	195791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	348058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	387834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	255657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	271933	55.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.540%			
35) Dibromofluoromethane	7.863	113	198900	53.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.310	98	835478	54.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.640%			
62) 4-Bromofluorobenzene	12.604	95	268536	51.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	222481	55.065	ug/l	95
3) Chloromethane	2.216	50	334078	57.486	ug/l	99
4) Vinyl Chloride	2.352	62	614193	52.420	ug/l	96
5) Bromomethane	2.716	94	519294	56.912	ug/l	94
6) Chloroethane	2.893	64	510604	54.398	ug/l	96
7) Trichlorofluoromethane	3.240	101	335861	53.234	ug/l	100
8) Diethyl Ether	3.681	74	143193	51.538	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.046	101	189950	53.669	ug/l	90
10) Methyl Iodide	4.251	142	244314	56.676	ug/l	94
11) Tert butyl alcohol	5.175	59	307018	285.828	ug/l #	86
12) 1,1-Dichloroethene	4.022	96	179738	51.023	ug/l	93
13) Acrolein	3.887	56	116990	286.257	ug/l	94
14) Allyl chloride	4.657	41	390725	54.013	ug/l	93
15) Acrylonitrile	5.363	53	846774	277.023	ug/l	100
16) Acetone	4.122	43	696595	265.708	ug/l	95
17) Carbon Disulfide	4.357	76	530119	51.346	ug/l	99
18) Methyl Acetate	4.663	43	468730	52.398	ug/l	92
19) Methyl tert-butyl Ether	5.416	73	784388	55.969	ug/l	96
20) Methylene Chloride	4.898	84	226918	52.246	ug/l #	79
21) trans-1,2-Dichloroethene	5.404	96	212399	55.646	ug/l	96
22) Diisopropyl ether	6.304	45	880098	55.207	ug/l #	94
23) Vinyl Acetate	6.245	43	3732837	259.383	ug/l #	90
24) 1,1-Dichloroethane	6.198	63	445188	56.327	ug/l	99
25) 2-Butanone	7.157	43	1245924	267.414	ug/l	96
26) 2,2-Dichloropropane	7.151	77	300631	50.208	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	259847	54.486	ug/l	95
28) Bromochloromethane	7.492	49	219149	57.847	ug/l #	69
29) Tetrahydrofuran	7.516	42	873235	284.461	ug/l	86
30) Chloroform	7.657	83	450068	58.237	ug/l	92
31) Cyclohexane	7.934	56	401517	52.814	ug/l	92
32) 1,1,1-Trichloroethane	7.851	97	367646	55.298	ug/l	94
36) 1,1-Dichloropropene	8.069	75	330381	54.215	ug/l	96
37) Ethyl Acetate	7.245	43	472300	55.192	ug/l #	95
38) Carbon Tetrachloride	8.045	117	290209	53.853	ug/l	98
39) Methylcyclohexane	9.322	83	416369	56.405	ug/l	94
40) Benzene	8.310	78	1049376	56.481	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	204383m	49.182	ug/l	
42) 1,2-Dichloroethane	8.381	62	364902	57.383	ug/l	97
43) Isopropyl Acetate	8.416	43	762286	58.623	ug/l #	92
44) Trichloroethene	9.075	130	212205	51.732	ug/l	75
45) 1,2-Dichloropropane	9.351	63	276372	56.077	ug/l	92
46) Dibromomethane	9.439	93	176631	51.923	ug/l #	84
47) Bromodichloromethane	9.628	83	350208	56.029	ug/l	99
48) Methyl methacrylate	9.422	41	330095	55.409	ug/l	87
49) 1,4-Dioxane	9.433	88	124907	1133.678	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	2722757	290.636	ug/l	88
52) Toluene	10.375	92	662721	58.629	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	373560	60.641	ug/l	98
54) cis-1,3-Dichloropropene	10.057	75	409833	59.478	ug/l #	88
55) 1,1,2-Trichloroethane	10.769	97	260392	57.264	ug/l	97
56) Ethyl methacrylate	10.639	69	428397	59.851	ug/l #	76
57) 1,3-Dichloropropane	10.916	76	450090	55.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.910	63	796760	288.647	ug/l	91
59) 2-Hexanone	10.963	43	2073036	295.329	ug/l	88
60) Dibromochloromethane	11.110	129	247966	59.616	ug/l	99
61) 1,2-Dibromoethane	11.216	107	258623	57.525	ug/l	98
64) Tetrachloroethene	10.845	164	172897	54.644	ug/l	93
65) Chlorobenzene	11.645	112	663129	56.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.716	131	230320	59.282	ug/l	98
67) Ethyl Benzene	11.722	91	1269998	57.871	ug/l	94
68) m/p-Xylenes	11.827	106	995470	121.716	ug/l	98
69) o-Xylene	12.157	106	491879	59.923	ug/l	98
70) Styrene	12.169	104	831891	52.664	ug/l	99
71) Bromoform	12.333	173	177774	56.096	ug/l #	98
73) Isopropylbenzene	12.457	105	1280495	54.209	ug/l	98
74) N-amyl acetate	12.269	43	666071	57.044	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	464154	51.520	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	373461m	64.503	ug/l	
77) Bromobenzene	12.733	156	262311	51.948	ug/l	84
78) n-propylbenzene	12.792	91	1522888	56.312	ug/l	95
79) 2-Chlorotoluene	12.880	91	870503	54.628	ug/l	96
80) 1,3,5-Trimethylbenzene	12.933	105	1069228	56.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.504	75	124680	56.342	ug/l #	84
82) 4-Chlorotoluene	12.980	91	861097	55.870	ug/l	98
83) tert-Butylbenzene	13.198	119	937381	55.567	ug/l	97
84) 1,2,4-Trimethylbenzene	13.239	105	1107541	60.988	ug/l	94
85) sec-Butylbenzene	13.374	105	1365999	56.793	ug/l	94
86) p-Isopropyltoluene	13.492	119	1095639	59.422	ug/l	98
87) 1,3-Dichlorobenzene	13.492	146	534155	55.666	ug/l	99
88) 1,4-Dichlorobenzene	13.568	146	526446	55.997	ug/l	99
89) n-Butylbenzene	13.816	91	963181	57.841	ug/l	94
90) Hexachloroethane	14.080	117	174558	55.825	ug/l	82
91) 1,2-Dichlorobenzene	13.863	146	529557	56.734	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.480	75	90971	54.853	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	227810	55.351	ug/l	95
94) Hexachlorobutadiene	15.233	225	104539	50.233	ug/l	99
95) Naphthalene	15.363	128	933885	59.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	235957	54.327	ug/l	99

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

