

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074548.D
 Acq On : 17 Sep 2022 07:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 02:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						09/19/2022
1) Pentafluorobenzene	8.016	168	230796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	437568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	389503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	188766	50.000	ug/l	0.00
System Monitoring Compounds						09/19/2022
33) 1,2-Dichloroethane-d4	8.369	65	198090	50.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.160%
35) Dibromofluoromethane	7.945	113	156817	53.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.900%
50) Toluene-d8	10.380	98	582818	51.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.669	95	203159	52.768	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	94843	37.758	ug/l	98
3) Chloromethane	2.263	50	196257	46.470	ug/l	98
4) Vinyl Chloride	2.405	62	243315	53.815	ug/l	100
5) Bromomethane	2.787	94	171394	71.882	ug/l	98
6) Chloroethane	2.957	64	208429	67.489	ug/l	99
7) Trichlorofluoromethane	3.316	101	217559	43.574	ug/l	100
8) Diethyl Ether	3.763	74	105798	41.552	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.140	101	134865	43.661	ug/l	89
10) Methyl Iodide	4.346	142	150809	41.386	ug/l	95
11) Tert butyl alcohol	5.287	59	261492	204.986	ug/l	99
12) 1,1-Dichloroethene	4.110	96	135197	44.512	ug/l	88
13) Acrolein	3.975	56	94798	203.493	ug/l	94
14) Allyl chloride	4.763	41	320572	44.167	ug/l #	94
15) Acrylonitrile	5.469	53	687825	240.003	ug/l	99
16) Acetone	4.216	43	590584	235.682	ug/l	99
17) Carbon Disulfide	4.457	76	346420	41.561	ug/l	97
18) Methyl Acetate	4.769	43	363999	46.768	ug/l #	85
19) Methyl tert-butyl Ether	5.528	73	589136	45.987	ug/l	93
20) Methylene Chloride	5.016	84	178905	46.766	ug/l #	78
21) trans-1,2-Dichloroethene	5.510	96	150346	45.074	ug/l	94
22) Diisopropyl ether	6.404	45	745010	51.116	ug/l #	92
23) Vinyl Acetate	6.345	43	3304189	257.036	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	347558	47.707	ug/l	96
25) 2-Butanone	7.257	43	1030309	247.641	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	159593	25.409	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	187224	43.810	ug/l	94
28) Bromochloromethane	7.581	49	101670	47.388	ug/l #	69
29) Tetrahydrofuran	7.604	42	701752	256.539	ug/l #	82
30) Chloroform	7.745	83	325848	48.459	ug/l	96
31) Cyclohexane	8.022	56	313485	45.100	ug/l	83
32) 1,1,1-Trichloroethane	7.939	97	265199	44.968	ug/l	95
36) 1,1-Dichloropropene	8.151	75	232270	45.145	ug/l	96
37) Ethyl Acetate	7.334	43	413587	52.053	ug/l #	93
38) Carbon Tetrachloride	8.134	117	220041	46.322	ug/l	98
39) Methylcyclohexane	9.392	83	273208	44.658	ug/l	90
40) Benzene	8.392	78	757345	47.603	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	191549	49.865	ug/l	90
42) 1,2-Dichloroethane	8.463	62	265109	48.558	ug/l	99
43) Isopropyl Acetate	8.492	43	634701	50.997	ug/l #	89
44) Trichloroethene	9.151	130	155380	45.135	ug/l	91
45) 1,2-Dichloropropane	9.428	63	210860	48.226	ug/l	97
46) Dibromomethane	9.516	93	130627	47.702	ug/l #	84
47) Bromodichloromethane	9.698	83	258738	48.193	ug/l #	99
48) Methyl methacrylate	9.498	41	281939	51.089	ug/l	83
49) 1,4-Dioxane	9.504	88	94029	886.245	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	2176726	267.828	ug/l	87
52) Toluene	10.445	92	475264	50.943	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	275964	44.104	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	289664	43.258	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	190881	48.303	ug/l	96
56) Ethyl methacrylate	10.698	69	346578	49.098	ug/l #	75
57) 1,3-Dichloropropane	10.986	76	351484	50.730	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	732204	235.694	ug/l	89
59) 2-Hexanone	11.027	43	1682165	271.128	ug/l	86
60) Dibromochloromethane	11.180	129	187488	49.560	ug/l	99
61) 1,2-Dibromoethane	11.286	107	187757	48.908	ug/l	99
64) Tetrachloroethene	10.916	164	120561	45.102	ug/l	94
65) Chlorobenzene	11.710	112	462842	47.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	168040	47.299	ug/l	98
67) Ethyl Benzene	11.786	91	897844	50.012	ug/l	97
68) m/p-Xylenes	11.892	106	665675	100.287	ug/l	95
69) o-Xylene	12.222	106	338098	49.957	ug/l	96
70) Styrene	12.233	104	556793	49.459	ug/l	97
71) Bromoform	12.398	173	131911	50.518	ug/l #	98
73) Isopropylbenzene	12.521	105	874634	45.252	ug/l	97
74) N-amyl acetate	12.327	43	569016	47.085	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	337827	43.615	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	248756m	42.813	ug/l	
77) Bromobenzene	12.798	156	179978	43.591	ug/l	73
78) n-propylbenzene	12.863	91	1040345	45.193	ug/l	95
79) 2-Chlorotoluene	12.951	91	598100	43.523	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	713290	45.271	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	91934	34.150	ug/l	91
82) 4-Chlorotoluene	13.045	91	575905	44.090	ug/l	98
83) tert-Butylbenzene	13.263	119	618146	43.108	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	726643	45.828	ug/l	97
85) sec-Butylbenzene	13.445	105	902599	45.843	ug/l	97
86) p-Isopropyltoluene	13.557	119	719624	46.882	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	346245	45.635	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	333268	43.705	ug/l	97
89) n-Butylbenzene	13.880	91	637227	46.058	ug/l	95
90) Hexachloroethane	14.151	117	139957	41.906	ug/l	76
91) 1,2-Dichlorobenzene	13.927	146	355085	45.112	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	72054	42.128	ug/l	78
93) 1,2,4-Trichlorobenzene	15.198	180	170637	45.504	ug/l	96
94) Hexachlorobutadiene	15.304	225	69591	42.225	ug/l	97
95) Naphthalene	15.439	128	688040	42.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	164536	42.546	ug/l	100

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

09/19/2022
 Supervised By :Mahesh
 Dadoda

09/19/2022

