

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075354.D
 Acq On : 21 Nov 2022 20:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 08:21:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 08:17:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	172865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	45013	48.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	8.171	113	57048	51.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.640%		
50) Toluene-d8	10.565	98	129953	51.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.847	95	99251	53.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	62432	47.232	ug/l	100
3) Chloromethane	2.371	50	69489	42.249	ug/l	97
4) Vinyl Chloride	2.524	62	96365	46.489	ug/l	99
5) Bromomethane	2.918	94	89383	49.036	ug/l	99
6) Chloroethane	3.100	64	71189	49.930	ug/l	93
7) Trichlorofluoromethane	3.500	101	131734	44.485	ug/l	99
8) Diethyl Ether	3.971	74	50686	48.835	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	77031	48.354	ug/l	94
10) Methyl Iodide	4.594	142	126938	47.919	ug/l	95
11) Tert butyl alcohol	5.536	59	90302	231.823	ug/l	98
12) 1,1-Dichloroethene	4.347	96	74999	46.850	ug/l	90
13) Acrolein	4.189	56	77560	228.559	ug/l	99
14) Allyl chloride	5.036	41	90887	43.892	ug/l #	93
15) Acrylonitrile	5.730	53	211143	236.261	ug/l	99
16) Acetone	4.442	43	166656	192.551	ug/l	93
17) Carbon Disulfide	4.718	76	191485	46.027	ug/l	99
18) Methyl Acetate	5.036	43	109390	50.137	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	268541	47.355	ug/l	99
20) Methylene Chloride	5.283	84	87109	49.622	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	84479	46.306	ug/l	89
22) Diisopropyl ether	6.683	45	224933	47.602	ug/l	98
23) Vinyl Acetate	6.612	43	911604m	242.495	ug/l	
24) 1,1-Dichloroethane	6.577	63	141557	46.672	ug/l	97
25) 2-Butanone	7.488	43	266146	220.252	ug/l	98
26) 2,2-Dichloropropane	7.494	77	127817	45.344	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	100229	48.586	ug/l	93
28) Bromochloromethane	7.818	49	57927	47.051	ug/l	84
29) Tetrahydrofuran	7.841	42	175109	238.239	ug/l	97
30) Chloroform	7.971	83	159020	45.655	ug/l	99
31) Cyclohexane	8.259	56	126588	42.939	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	150308	47.528	ug/l	96
36) 1,1-Dichloropropene	8.377	75	119160	49.159	ug/l	98
37) Ethyl Acetate	7.565	43	108865	49.878	ug/l	99
38) Carbon Tetrachloride	8.365	117	132978	49.939	ug/l	100
39) Methylcyclohexane	9.606	83	151230	49.850	ug/l	94
40) Benzene	8.606	78	355706	47.929	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58002	51.979	ug/l	97
42) 1,2-Dichloroethane	8.671	62	118690	47.752	ug/l	97
43) Isopropyl Acetate	8.688	43	173124	49.416	ug/l	96
44) Trichloroethene	9.353	130	100093	49.290	ug/l	92
45) 1,2-Dichloropropane	9.624	63	84543	47.802	ug/l	100
46) Dibromomethane	9.712	93	64863	48.488	ug/l #	90
47) Bromodichloromethane	9.888	83	127628	49.267	ug/l	96
48) Methyl methacrylate	9.682	41	79381	49.002	ug/l	94
49) 1,4-Dioxane	9.694	88	46438	1009.538	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	552638	247.667	ug/l	96
52) Toluene	10.629	92	238084	49.782	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	136223	52.379	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	143814	50.914	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	93986	48.251	ug/l	96
56) Ethyl methacrylate	10.876	69	139748	53.125	ug/l	95
57) 1,3-Dichloropropane	11.165	76	151479	47.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	249056	262.516	ug/l	96
59) 2-Hexanone	11.194	43	415862	248.194	ug/l	96
60) Dibromochloromethane	11.359	129	106431	53.232	ug/l	99
61) 1,2-Dibromoethane	11.470	107	99851	49.388	ug/l	99
64) Tetrachloroethene	11.106	164	89651	46.112	ug/l	94
65) Chlorobenzene	11.888	112	257472	48.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	98123	50.004	ug/l	98
67) Ethyl Benzene	11.965	91	464914	51.830	ug/l	98
68) m/p-Xylenes	12.070	106	372535	102.272	ug/l	100
69) o-Xylene	12.400	106	182585	50.449	ug/l	98
70) Styrene	12.412	104	304219	53.285	ug/l	98
71) Bromoform	12.582	173	83086	55.633	ug/l #	97
73) Isopropylbenzene	12.694	105	479137	48.455	ug/l	98
74) N-amyl acetate	12.494	43	159744	52.548	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	141933	47.080	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	120496m	47.087	ug/l	
77) Bromobenzene	12.982	156	116944	47.904	ug/l	86
78) n-propylbenzene	13.035	91	548755	49.727	ug/l	100
79) 2-Chlorotoluene	13.123	91	328256	49.369	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	415112	50.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44769m	51.763	ug/l	
82) 4-Chlorotoluene	13.123	91	328256	49.369	ug/l	98
83) tert-Butylbenzene	13.441	119	370443	49.456	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	418398	50.774	ug/l	98
85) sec-Butylbenzene	13.617	105	523119	51.471	ug/l	100
86) p-Isopropyltoluene	13.729	119	450643	52.701	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	228320	49.363	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	227115	48.338	ug/l	98
89) n-Butylbenzene	14.059	91	374074	51.796	ug/l	99
90) Hexachloroethane	14.335	117	76418	51.803	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	222964	49.454	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28958	50.708	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	124790	54.011	ug/l	97
94) Hexachlorobutadiene	15.500	225	62898	52.264	ug/l	98
95) Naphthalene	15.641	128	393273	54.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	119418	52.588	ug/l	98

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

