

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076016.D
 Acq On : 28 Dec 2022 22:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 29 07:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	315342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	457883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	176436	51.430	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.860%			
35) Dibromofluoromethane	8.171	113	163990	52.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.320%			
50) Toluene-d8	10.571	98	600585	51.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.853	95	215258	55.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	92046	41.110	ug/l	99
3) Chloromethane	2.377	50	108425	38.943	ug/l	98
4) Vinyl Chloride	2.524	62	139059	41.871	ug/l	99
5) Bromomethane	2.942	94	121677	43.109	ug/l	100
6) Chloroethane	3.118	64	105347	42.834	ug/l	96
7) Trichlorofluoromethane	3.506	101	232456	46.127	ug/l	99
8) Diethyl Ether	3.977	74	91020	49.450	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	139785	48.576	ug/l	99
10) Methyl Iodide	4.594	142	219273	46.953	ug/l	99
11) Tert butyl alcohol	5.536	59	128248	264.195	ug/l	99
12) 1,1-Dichloroethene	4.353	96	128976	46.148	ug/l	99
13) Acrolein	4.189	56	176108	295.920	ug/l	99
14) Allyl chloride	5.036	41	171902	52.615	ug/l	98
15) Acrylonitrile	5.730	53	335721	253.430	ug/l	100
16) Acetone	4.436	43	255045	215.664	ug/l	98
17) Carbon Disulfide	4.724	76	262701	38.822	ug/l	99
18) Methyl Acetate	5.036	43	176383	50.457	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	488550	53.082	ug/l	94
20) Methylene Chloride	5.289	84	156502	49.463	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	141756	46.313	ug/l	96
22) Diisopropyl ether	6.683	45	412300	51.948	ug/l	98
23) Vinyl Acetate	6.612	43	1372852	256.991	ug/l	100
24) 1,1-Dichloroethane	6.577	63	257755	48.696	ug/l	99
25) 2-Butanone	7.488	43	418154	252.530	ug/l	99
26) 2,2-Dichloropropane	7.500	77	217847	48.599	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	182252	49.787	ug/l	98
28) Bromochloromethane	7.824	49	104975	45.248	ug/l	100
29) Tetrahydrofuran	7.847	42	269576	259.786	ug/l	99
30) Chloroform	7.971	83	290234	48.700	ug/l	97
31) Cyclohexane	8.265	56	215054	43.770	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	266761	50.489	ug/l	100
36) 1,1-Dichloropropene	8.377	75	200134	47.919	ug/l	99
37) Ethyl Acetate	7.571	43	172879	51.533	ug/l	97
38) Carbon Tetrachloride	8.371	117	233528	49.959	ug/l	97
39) Methylcyclohexane	9.606	83	248522	49.323	ug/l	99
40) Benzene	8.612	78	621176	48.206	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	90225	51.741	ug/l	96
42) 1,2-Dichloroethane	8.677	62	210510	49.139	ug/l	99
43) Isopropyl Acetate	8.694	43	305783	55.256	ug/l	99
44) Trichloroethene	9.359	130	171720	47.303	ug/l	95
45) 1,2-Dichloropropane	9.624	63	153530	48.961	ug/l	99
46) Dibromomethane	9.712	93	115555	49.685	ug/l	99
47) Bromodichloromethane	9.894	83	234017	51.309	ug/l	99
48) Methyl methacrylate	9.682	41	138459	55.552	ug/l	99
49) 1,4-Dioxane	9.694	88	63077	1029.414	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	902399	269.641	ug/l	100
52) Toluene	10.635	92	415321	49.488	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	237153	53.118	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	259125	52.862	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	168529	51.162	ug/l	98
56) Ethyl methacrylate	10.876	69	247287	56.518	ug/l	97
57) 1,3-Dichloropropane	11.165	76	275693	51.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	389169	279.369	ug/l	99
59) 2-Hexanone	11.200	43	657044	269.212	ug/l	99
60) Dibromochloromethane	11.365	129	190366	51.966	ug/l	100
61) 1,2-Dibromoethane	11.470	107	171098	51.328	ug/l	98
64) Tetrachloroethene	11.106	164	152956	47.472	ug/l	98
65) Chlorobenzene	11.894	112	455371	48.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	179340	51.520	ug/l	99
67) Ethyl Benzene	11.965	91	822129	51.832	ug/l	98
68) m/p-Xylenes	12.076	106	652796	103.983	ug/l	98
69) o-Xylene	12.400	106	325094	52.328	ug/l	99
70) Styrene	12.412	104	534623	54.122	ug/l	99
71) Bromoform	12.582	173	139686	55.148	ug/l #	100
73) Isopropylbenzene	12.700	105	852162	51.625	ug/l	99
74) N-amyl acetate	12.494	43	265643	54.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	246225	48.253	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	216331m	46.984	ug/l	
77) Bromobenzene	12.982	156	204893	49.048	ug/l	97
78) n-propylbenzene	13.041	91	963058	52.898	ug/l	99
79) 2-Chlorotoluene	13.129	91	564420	49.664	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	720561	52.157	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	70318	54.971	ug/l	90
82) 4-Chlorotoluene	13.129	91	564420	49.664	ug/l	99
83) tert-Butylbenzene	13.441	119	676293	55.522	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	730236	53.282	ug/l	99
85) sec-Butylbenzene	13.617	105	908754	54.054	ug/l	99
86) p-Isopropyltoluene	13.735	119	778620	55.659	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	388479	50.344	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	381169	48.353	ug/l	100
89) n-Butylbenzene	14.059	91	618438	54.570	ug/l	99
90) Hexachloroethane	14.335	117	132605	52.992	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	388391	51.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44358	48.990	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	196783	52.295	ug/l	99
94) Hexachlorobutadiene	15.506	225	104418	50.861	ug/l	99
95) Naphthalene	15.641	128	598347	48.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	187966	53.444	ug/l	97

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

