

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082506.D
 Acq On : 10 Jun 2024 10:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 01:02:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143529	46.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.780%		
35) Dibromofluoromethane	8.165	113	106076	53.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.280%		
50) Toluene-d8	10.565	98	369508	48.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.847	95	139925	51.708	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	144094	51.010	ug/l	100
3) Chloromethane	2.365	50	159344	49.774	ug/l	98
4) Vinyl Chloride	2.512	62	154756	51.420	ug/l	95
5) Bromomethane	2.953	94	83468	48.250	ug/l	99
6) Chloroethane	3.118	64	99202	50.480	ug/l	99
7) Trichlorofluoromethane	3.500	101	208751	52.969	ug/l	100
8) Diethyl Ether	3.959	74	73329	52.230	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.377	101	115979	50.378	ug/l	99
10) Methyl Iodide	4.589	142	126099	54.485	ug/l	96
11) Tert butyl alcohol	5.518	59	115014	231.593	ug/l	99
12) 1,1-Dichloroethene	4.347	96	111599	52.154	ug/l	87
13) Acrolein	4.177	56	95913	260.623	ug/l	98
14) Allyl chloride	5.024	41	221117	48.265	ug/l #	92
15) Acrylonitrile	5.712	53	328717	255.574	ug/l	99
16) Acetone	4.424	43	298467	235.175	ug/l	92
17) Carbon Disulfide	4.712	76	342740	49.593	ug/l	99
18) Methyl Acetate	5.018	43	165740	52.439	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	408112	52.179	ug/l	99
20) Methylene Chloride	5.271	84	132011	51.555	ug/l #	80
21) trans-1,2-Dichloroethene	5.788	96	122584	52.570	ug/l #	83
22) Diisopropyl ether	6.671	45	493781	51.616	ug/l #	92
23) Vinyl Acetate	6.600	43	1934560	256.493	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	254026	51.518	ug/l	98
25) 2-Butanone	7.482	43	472413	245.512	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	217568	52.680	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	147692	53.668	ug/l	85
28) Bromochloromethane	7.812	49	95480	44.320	ug/l #	77
29) Tetrahydrofuran	7.835	42	317701	257.156	ug/l #	82
30) Chloroform	7.965	83	253714	53.883	ug/l	99
31) Cyclohexane	8.259	56	220977	44.721	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	225761	54.044	ug/l	93
36) 1,1-Dichloropropene	8.371	75	182003	54.876	ug/l	95
37) Ethyl Acetate	7.559	43	195963	52.796	ug/l #	95
38) Carbon Tetrachloride	8.365	117	198421	59.017	ug/l	97
39) Methylcyclohexane	9.606	83	191081	52.561	ug/l #	87
40) Benzene	8.606	78	558387	56.459	ug/l	96

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 Supervised By :Semsettin Yesilyurt 06/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	114789	52.586	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	206535	54.298	ug/l	96
43) Isopropyl Acetate	8.688	43	350576	53.304	ug/l #	89
44) Trichloroethene	9.353	130	126521	56.317	ug/l	99
45) 1,2-Dichloropropane	9.624	63	142106	55.689	ug/l	98
46) Dibromomethane	9.706	93	94114	56.177	ug/l	100
47) Bromodichloromethane	9.888	83	204694	57.876	ug/l	97
48) Methyl methacrylate	9.682	41	172373	55.003	ug/l #	81
49) 1,4-Dioxane	9.694	88	52010	1184.354	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1023736	273.963	ug/l	91
52) Toluene	10.629	92	343499	57.875	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	213405	58.342	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	223595	57.749	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	124318	57.638	ug/l	97
56) Ethyl methacrylate	10.876	69	208587	56.961	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	224878	55.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	488153	258.443	ug/l	92
59) 2-Hexanone	11.194	43	754874	275.896	ug/l	90
60) Dibromochloromethane	11.359	129	150418	63.194	ug/l	98
61) 1,2-Dibromoethane	11.470	107	125528	56.662	ug/l	98
64) Tetrachloroethene	11.106	164	127527	56.385	ug/l	95
65) Chlorobenzene	11.894	112	361412	53.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	129866	58.486	ug/l	99
67) Ethyl Benzene	11.965	91	656716	54.459	ug/l	98
68) m/p-Xylenes	12.070	106	502801	113.766	ug/l	95
69) o-Xylene	12.400	106	238253	55.652	ug/l	93
70) Styrene	12.412	104	414899	58.346	ug/l	97
71) Bromoform	12.582	173	99694	56.361	ug/l #	99
73) Isopropylbenzene	12.694	105	614035	50.644	ug/l	98
74) N-amyl acetate	12.494	43	307203	46.063	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	170372	48.747	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	160804m	50.060	ug/l	
77) Bromobenzene	12.982	156	145815	50.465	ug/l	91
78) n-propylbenzene	13.035	91	740869	51.602	ug/l	97
79) 2-Chlorotoluene	13.129	91	444488	49.302	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	514170	52.446	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	71613	52.145	ug/l	87
82) 4-Chlorotoluene	13.223	91	447360	50.751	ug/l	96
83) tert-Butylbenzene	13.441	119	428931	50.010	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	526230	52.465	ug/l	99
85) sec-Butylbenzene	13.617	105	608082	51.150	ug/l	98
86) p-Isopropyltoluene	13.729	119	513657	53.165	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	275449	52.619	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	270759	50.678	ug/l	97
89) n-Butylbenzene	14.059	91	448457	51.642	ug/l	98
90) Hexachloroethane	14.335	117	98458	55.002	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	255895	51.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36158	50.353	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	143165	51.544	ug/l	99
94) Hexachlorobutadiene	15.505	225	60048	49.270	ug/l	98
95) Naphthalene	15.641	128	447887	51.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141420	50.861	ug/l	96

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

