

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079007.D
 Acq On : 23 Aug 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 24 01:06:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2023
 Supervised By :Mahesh Dadoda 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	297280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143865	46.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.940%			
35) Dibromofluoromethane	8.171	113	117736	52.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	10.571	98	421899	50.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.853	95	142124	52.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	133121	48.740	ug/l	98
3) Chloromethane	2.365	50	146139	38.323	ug/l	100
4) Vinyl Chloride	2.518	62	153520	45.905	ug/l	98
5) Bromomethane	2.948	94	90680	47.227	ug/l	98
6) Chloroethane	3.118	64	98000	41.918	ug/l	95
7) Trichlorofluoromethane	3.495	101	192681	47.303	ug/l	100
8) Diethyl Ether	3.965	74	70275	45.509	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	105254	48.517	ug/l	99
10) Methyl Iodide	4.589	142	127425	52.498	ug/l	96
11) Tert butyl alcohol	5.530	59	105302	204.876	ug/l	99
12) 1,1-Dichloroethene	4.342	96	101918	48.228	ug/l	85
13) Acrolein	4.183	56	70138	254.416	ug/l	100
14) Allyl chloride	5.024	41	181702	43.201	ug/l #	88
15) Acrylonitrile	5.724	53	307221	220.641	ug/l	100
16) Acetone	4.424	43	336132	265.960	ug/l	90
17) Carbon Disulfide	4.712	76	275369	46.551	ug/l	95
18) Methyl Acetate	5.024	43	222944	41.757	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	361892	47.540	ug/l	96
20) Methylene Chloride	5.277	84	127822	47.459	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	113287	47.806	ug/l #	82
22) Diisopropyl ether	6.677	45	428697	48.180	ug/l #	92
23) Vinyl Acetate	6.612	43	1371700	234.132	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	231529	47.631	ug/l	98
25) 2-Butanone	7.489	43	458497	226.275	ug/l #	75
26) 2,2-Dichloropropane	7.489	77	195580	49.777	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	134064	46.546	ug/l	83
28) Bromochloromethane	7.818	49	123392	47.854	ug/l #	72
29) Tetrahydrofuran	7.841	42	289466	215.828	ug/l #	70
30) Chloroform	7.971	83	230325	47.429	ug/l	94
31) Cyclohexane	8.259	56	175952	45.842	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	197803	47.770	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	173981	51.520	ug/l	96
37) Ethyl Acetate	7.565	43	184279	48.773	ug/l #	88
38) Carbon Tetrachloride	8.365	117	175638	51.908	ug/l	100
39) Methylcyclohexane	9.606	83	149916	48.270	ug/l #	84
40) Benzene	8.606	78	506091	50.703	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	93732	45.550	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	186499	50.012	ug/l	96
43) Isopropyl Acetate	8.688	43	317974	47.614	ug/l #	85
44) Trichloroethene	9.359	130	117844	49.688	ug/l	98
45) 1,2-Dichloropropane	9.624	63	135901	51.138	ug/l	99
46) Dibromomethane	9.712	93	90363	49.574	ug/l	95
47) Bromodichloromethane	9.894	83	185408	51.512	ug/l	98
48) Methyl methacrylate	9.682	41	141756	46.843	ug/l #	78
49) 1,4-Dioxane	9.700	88	46735	906.680	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	915744	231.200	ug/l #	85
52) Toluene	10.635	92	316742	51.685	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	205487	53.236	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	213089	50.689	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	124003	50.465	ug/l	98
56) Ethyl methacrylate	10.877	69	192755	50.605	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	222898	50.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	382853	209.391	ug/l	90
59) 2-Hexanone	11.200	43	672478	234.409	ug/l	85
60) Dibromochloromethane	11.365	129	137674	53.244	ug/l	98
61) 1,2-Dibromoethane	11.471	107	127865	51.207	ug/l	97
64) Tetrachloroethene	11.106	164	92979	49.873	ug/l	95
65) Chlorobenzene	11.894	112	333905	52.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	127231	53.203	ug/l	96
67) Ethyl Benzene	11.965	91	597443	51.917	ug/l	97
68) m/p-Xylenes	12.076	106	453540	105.414	ug/l	98
69) o-Xylene	12.400	106	222909	53.259	ug/l	95
70) Styrene	12.412	104	372270	53.343	ug/l	98
71) Bromoform	12.582	173	92974	53.477	ug/l #	99
73) Isopropylbenzene	12.700	105	545339	48.220	ug/l	100
74) N-amyl acetate	12.500	43	260537	45.640	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	185666	45.467	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	168727m	51.628	ug/l	
77) Bromobenzene	12.982	156	132152	48.613	ug/l	97
78) n-propylbenzene	13.041	91	630540	48.080	ug/l	99
79) 2-Chlorotoluene	13.129	91	390328	47.981	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	444009	49.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	66992	52.365	ug/l	92
82) 4-Chlorotoluene	13.223	91	386078	48.503	ug/l	98
83) tert-Butylbenzene	13.441	119	353466	46.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	443564	49.983	ug/l	98
85) sec-Butylbenzene	13.618	105	492832	47.557	ug/l	99
86) p-Isopropyltoluene	13.735	119	406646	49.114	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	234160	50.058	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	230971	49.332	ug/l	98
89) n-Butylbenzene	14.059	91	336183	49.339	ug/l	98
90) Hexachloroethane	14.335	117	77917	46.947	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	228044	49.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31509	46.343	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	83424	50.587	ug/l	97
94) Hexachlorobutadiene	15.506	225	43314	50.604	ug/l	97
95) Naphthalene	15.647	128	250749	40.626	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	86399	47.835	ug/l	96

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

