

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079295.D
 Acq On : 18 Sep 2023 19:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 01:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
							09/19/2023
Internal Standards							Supervised By :Semsettin
1) Pentafluorobenzene	8.230	168	168531	50.000	ug/l	0.00	Pesilyurt
34) 1,4-Difluorobenzene	9.106	114	294412	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.871	117	272663	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.794	152	119339	50.000	ug/l	0.00	
System Monitoring Compounds							09/19/2023
33) 1,2-Dichloroethane-d4	8.583	65	118018	51.876	ug/l	0.00	
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.760%		
35) Dibromofluoromethane	8.171	113	94257	48.130	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.260%		
50) Toluene-d8	10.571	98	349013	48.536	ug/l	0.00	
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.080%		
62) 4-Bromofluorobenzene	12.853	95	117089	51.047	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.100%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.130	85	90375	54.197	ug/l	99	
3) Chloromethane	2.365	50	115851	52.924	ug/l	98	
4) Vinyl Chloride	2.518	62	132462	55.536	ug/l	97	
5) Bromomethane	2.948	94	72968	53.222	ug/l	96	
6) Chloroethane	3.118	64	91370	60.090	ug/l	99	
7) Trichlorofluoromethane	3.495	101	165149	47.284	ug/l	97	
8) Diethyl Ether	3.965	74	63313	52.226	ug/l	69	
9) 1,1,2-Trichlorotrifluo...	4.377	101	93481	50.327	ug/l	99	
10) Methyl Iodide	4.595	142	103653	68.219	ug/l	98	
11) Tert butyl alcohol	5.530	59	89915	214.075	ug/l	100	
12) 1,1-Dichloroethene	4.342	96	88951	49.487	ug/l #	79	
13) Acrolein	4.189	56	110430	275.628	ug/l	99	
14) Allyl chloride	5.024	41	156343	54.525	ug/l #	90	
15) Acrylonitrile	5.724	53	283951	260.724	ug/l	98	
16) Acetone	4.436	43	233510	241.677	ug/l	92	
17) Carbon Disulfide	4.712	76	232418	41.372	ug/l	100	
18) Methyl Acetate	5.024	43	219370	55.243	ug/l #	83	
19) Methyl tert-butyl Ether	5.800	73	328462	53.282	ug/l	95	
20) Methylene Chloride	5.283	84	112956	48.040	ug/l #	87	
21) trans-1,2-Dichloroethene	5.789	96	100464	48.181	ug/l #	78	
22) Diisopropyl ether	6.677	45	361566	57.471	ug/l #	90	
23) Vinyl Acetate	6.612	43	1089351	281.509	ug/l #	87	
24) 1,1-Dichloroethane	6.577	63	209617	54.048	ug/l	99	
25) 2-Butanone	7.488	43	377120	269.007	ug/l #	80	
26) 2,2-Dichloropropane	7.494	77	160731	50.503	ug/l	98	
27) cis-1,2-Dichloroethene	7.494	96	122398	51.337	ug/l	87	
28) Bromochloromethane	7.818	49	100270	57.182	ug/l #	76	
29) Tetrahydrofuran	7.841	42	252466	282.990	ug/l #	75	
30) Chloroform	7.971	83	214821	53.200	ug/l	93	
31) Cyclohexane	8.259	56	164039	49.382	ug/l	85	
32) 1,1,1-Trichloroethane	8.171	97	181807	52.819	ug/l	95	
36) 1,1-Dichloropropene	8.377	75	153721	50.925	ug/l	95	
37) Ethyl Acetate	7.565	43	158930	52.786	ug/l #	91	
38) Carbon Tetrachloride	8.371	117	152124	48.699	ug/l	99	
39) Methylcyclohexane	9.606	83	156070	52.416	ug/l #	86	
40) Benzene	8.612	78	458978	49.670	ug/l	100	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079295.D
 Acq On : 18 Sep 2023 19:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 01:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	87346	57.538	ug/l	#	84
42) 1,2-Dichloroethane	8.671	62	167150	52.543	ug/l		98
43) Isopropyl Acetate	8.694	43	260642	53.055	ug/l	#	90
44) Trichloroethene	9.359	130	108729	47.764	ug/l		98
45) 1,2-Dichloropropane	9.624	63	123872	54.014	ug/l		98
46) Dibromomethane	9.712	93	81093	52.089	ug/l		94
47) Bromodichloromethane	9.894	83	171247	53.704	ug/l		98
48) Methyl methacrylate	9.688	41	122975	55.885	ug/l	#	80
49) 1,4-Dioxane	9.700	88	44162	975.735	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	803403	281.719	ug/l		90
52) Toluene	10.635	92	285910	50.346	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	176428	52.473	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	189276	52.633	ug/l	#	91
55) 1,1,2-Trichloroethane	11.018	97	115660	51.905	ug/l		97
56) Ethyl methacrylate	10.876	69	172097	54.712	ug/l	#	82
57) 1,3-Dichloropropane	11.165	76	203600	52.855	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	323154	244.898	ug/l		90
59) 2-Hexanone	11.200	43	576767	279.236	ug/l		87
60) Dibromochloromethane	11.365	129	120130	50.655	ug/l		99
61) 1,2-Dibromoethane	11.476	107	112159	50.437	ug/l		98
64) Tetrachloroethene	11.106	164	87101	43.810	ug/l		95
65) Chlorobenzene	11.894	112	294994	47.758	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	114711	49.525	ug/l		97
67) Ethyl Benzene	11.971	91	540697	51.176	ug/l		96
68) m/p-Xylenes	12.076	106	406837	103.308	ug/l		94
69) o-Xylene	12.400	106	198892	52.660	ug/l		93
70) Styrene	12.412	104	329678	54.273	ug/l		98
71) Bromoform	12.582	173	86707	50.708	ug/l	#	99
73) Isopropylbenzene	12.700	105	509672	46.941	ug/l		99
74) N-amyl acetate	12.500	43	210000	50.979	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	175817	43.485	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	153398m	47.693	ug/l		
77) Bromobenzene	12.982	156	115956	42.177	ug/l		94
78) n-propylbenzene	13.041	91	613177	50.273	ug/l		97
79) 2-Chlorotoluene	13.129	91	361692	45.339	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	428010	47.309	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	51355	43.896	ug/l		87
82) 4-Chlorotoluene	13.223	91	353420	47.148	ug/l		98
83) tert-Butylbenzene	13.441	119	348676	46.587	ug/l		99
84) 1,2,4-Trimethylbenzene	13.488	105	425263	49.357	ug/l		99
85) sec-Butylbenzene	13.617	105	498716	48.401	ug/l		99
86) p-Isopropyltoluene	13.735	119	404194	49.101	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	207730	46.066	ug/l		97
88) 1,4-Dichlorobenzene	13.817	146	200525	44.008	ug/l		99
89) n-Butylbenzene	14.059	91	326939	50.506	ug/l		98
90) Hexachloroethane	14.335	117	77947	46.628	ug/l		91
91) 1,2-Dichlorobenzene	14.112	146	204792	46.005	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27990	45.540	ug/l		99
93) 1,2,4-Trichlorobenzene	15.394	180	72681	45.434	ug/l		98
94) Hexachlorobutadiene	15.506	225	44232	35.149	ug/l		99
95) Naphthalene	15.647	128	199917	42.077	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	76569	40.577	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
Data File : VN079295.D
Acq On : 18 Sep 2023 19:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 19 01:28:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

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

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

09/19/2023
Supervised By :Semsettin
Yesilyurt

09/19/2023

