

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079733.D
 Acq On : 30 Oct 2023 19:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 07:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	276638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	481629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	442644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223628	50.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.680%			
35) Dibromofluoromethane	8.171	113	172479	50.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.571	98	666034	51.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.853	95	220778	54.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	183359	50.209	ug/l	99
3) Chloromethane	2.365	50	211958	47.911	ug/l	99
4) Vinyl Chloride	2.518	62	231355	48.558	ug/l	95
5) Bromomethane	2.948	94	142121	45.442	ug/l	100
6) Chloroethane	3.118	64	171825	49.229	ug/l	98
7) Trichlorofluoromethane	3.500	101	285389	50.938	ug/l	95
8) Diethyl Ether	3.959	74	104575	51.577	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	160944	49.597	ug/l	99
10) Methyl Iodide	4.595	142	192473	58.933	ug/l	98
11) Tert butyl alcohol	5.518	59	133675	226.861	ug/l	98
12) 1,1-Dichloroethene	4.347	96	152590	50.203	ug/l	89
13) Acrolein	4.183	56	142591	240.564	ug/l	96
14) Allyl chloride	5.024	41	237203	46.536	ug/l #	88
15) Acrylonitrile	5.718	53	462091	254.853	ug/l	99
16) Acetone	4.430	43	410839	216.158	ug/l	93
17) Carbon Disulfide	4.718	76	443303	47.762	ug/l	99
18) Methyl Acetate	5.024	43	381830	49.795	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	525565	51.105	ug/l	96
20) Methylene Chloride	5.283	84	186071	49.438	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	172190	49.910	ug/l #	84
22) Diisopropyl ether	6.677	45	603060	52.626	ug/l #	92
23) Vinyl Acetate	6.606	43	1685086	267.090	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	346138	50.408	ug/l	99
25) 2-Butanone	7.488	43	622736	238.527	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	269229	48.454	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	204609	51.510	ug/l	88
28) Bromochloromethane	7.818	49	175445	52.236	ug/l #	72
29) Tetrahydrofuran	7.841	42	410139	257.145	ug/l #	75
30) Chloroform	7.971	83	352145	50.928	ug/l	98
31) Cyclohexane	8.259	56	292915	48.329	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	299006	49.884	ug/l	95
36) 1,1-Dichloropropene	8.377	75	262816	51.477	ug/l	95
37) Ethyl Acetate	7.565	43	256553	50.697	ug/l #	90
38) Carbon Tetrachloride	8.365	117	258386	50.750	ug/l	98
39) Methylcyclohexane	9.606	83	263881	51.962	ug/l #	85
40) Benzene	8.612	78	781534	51.866	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079733.D
 Acq On : 30 Oct 2023 19:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 31 07:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	145926	55.288	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	280523	51.257	ug/l	97
43) Isopropyl Acetate	8.694	43	419957	51.909	ug/l #	90
44) Trichloroethene	9.359	130	182195	49.915	ug/l	100
45) 1,2-Dichloropropane	9.624	63	204545	51.109	ug/l	95
46) Dibromomethane	9.712	93	137071	50.782	ug/l	96
47) Bromodichloromethane	9.894	83	278649	51.460	ug/l	97
48) Methyl methacrylate	9.682	41	200084	53.345	ug/l #	80
49) 1,4-Dioxane	9.700	88	65095	986.240	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1306722	259.586	ug/l	89
52) Toluene	10.635	92	479774	52.154	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	287062	52.499	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	314011	52.490	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	184934	50.833	ug/l	97
56) Ethyl methacrylate	10.876	69	280510	54.596	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	329040	51.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	522679	276.125	ug/l #	88
59) 2-Hexanone	11.200	43	943331	254.863	ug/l	88
60) Dibromochloromethane	11.365	129	198602	52.755	ug/l	99
61) 1,2-Dibromoethane	11.471	107	185779	51.255	ug/l	96
64) Tetrachloroethene	11.106	164	150716	47.997	ug/l	98
65) Chlorobenzene	11.894	112	487326	49.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	183389	50.376	ug/l	96
67) Ethyl Benzene	11.965	91	920182	53.312	ug/l	94
68) m/p-Xylenes	12.076	106	677233	106.084	ug/l	94
69) o-Xylene	12.400	106	327812	53.401	ug/l	93
70) Styrene	12.412	104	545529	55.477	ug/l	97
71) Bromoform	12.582	173	130877	50.193	ug/l #	99
73) Isopropylbenzene	12.700	105	841890	47.327	ug/l	99
74) N-amyl acetate	12.494	43	339264	47.950	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	274339	43.562	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	250239m	46.925	ug/l	
77) Bromobenzene	12.982	156	194803	46.567	ug/l	95
78) n-propylbenzene	13.041	91	1011586	49.366	ug/l	97
79) 2-Chlorotoluene	13.129	91	601171	47.064	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	705130	48.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	82412	46.616	ug/l #	85
82) 4-Chlorotoluene	13.223	91	585340	47.709	ug/l	99
83) tert-Butylbenzene	13.441	119	565287	47.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	698940	49.964	ug/l	100
85) sec-Butylbenzene	13.617	105	802555	48.416	ug/l	100
86) p-Isopropyltoluene	13.735	119	657647	49.813	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	340809	48.156	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	326401	46.297	ug/l	99
89) n-Butylbenzene	14.059	91	529207	50.452	ug/l	99
90) Hexachloroethane	14.335	117	125867	45.121	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	324337	47.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43128	44.405	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	103838	50.610	ug/l	97
94) Hexachlorobutadiene	15.506	225	77134	42.370	ug/l	98
95) Naphthalene	15.647	128	267166	44.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110193	48.095	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
Data File : VN079733.D
Acq On : 30 Oct 2023 19:30
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:34:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

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

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

