

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079317.D
 Acq On : 21 Sep 2023 11:26
 Operator : JC\MD
 Sample : VN0921WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 22 02:27:18 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

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

Internal Standards						09/22/2023
1) Pentafluorobenzene	8.230	168	167238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	266319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106110	50.000	ug/l	0.00
System Monitoring Compounds						09/22/2023
33) 1,2-Dichloroethane-d4	8.583	65	125337	55.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.040%
35) Dibromofluoromethane	8.171	113	100596	51.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.700%
50) Toluene-d8	10.571	98	369217	51.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.853	95	113305	49.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	30330	18.329	ug/l	99
3) Chloromethane	2.365	50	39377	18.127	ug/l	96
4) Vinyl Chloride	2.518	62	46432	19.617	ug/l	97
5) Bromomethane	2.959	94	26895	19.769	ug/l	97
6) Chloroethane	3.124	64	31099	19.957	ug/l	99
7) Trichlorofluoromethane	3.501	101	56811	16.392	ug/l	98
8) Diethyl Ether	3.971	74	19965	16.596	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	33644	18.253	ug/l	99
10) Methyl Iodide	4.595	142	30900	20.494	ug/l	95
11) Tert butyl alcohol	5.518	59	26843	64.404	ug/l	100
12) 1,1-Dichloroethene	4.348	96	28804	16.149	ug/l #	81
13) Acrolein	4.183	56	41947	105.507	ug/l	95
14) Allyl chloride	5.024	41	47072	16.544	ug/l #	90
15) Acrylonitrile	5.724	53	91347	84.523	ug/l	100
16) Acetone	4.430	43	93664	97.689	ug/l	90
17) Carbon Disulfide	4.712	76	78812	14.137	ug/l	99
18) Methyl Acetate	5.024	43	69706	17.689	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	107881	17.635	ug/l #	91
20) Methylene Chloride	5.277	84	39807	17.061	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	34766	16.802	ug/l	94
22) Diisopropyl ether	6.677	45	122285	19.587	ug/l #	92
23) Vinyl Acetate	6.606	43	339845	88.501	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	71906	18.684	ug/l	98
25) 2-Butanone	7.489	43	122465	88.032	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	58076	18.389	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41480	17.532	ug/l	88
28) Bromochloromethane	7.812	49	29726	17.083	ug/l #	73
29) Tetrahydrofuran	7.841	42	74989	84.705	ug/l #	76
30) Chloroform	7.971	83	76206	19.018	ug/l	93
31) Cyclohexane	8.259	56	58718	17.813	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	62498	18.297	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	51994	17.219	ug/l	96
37) Ethyl Acetate	7.565	43	51113	16.971	ug/l #	91
38) Carbon Tetrachloride	8.371	117	53119	16.999	ug/l	96
39) Methylcyclohexane	9.606	83	49087	16.480	ug/l	86
40) Benzene	8.612	78	162624	17.593	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079317.D
 Acq On : 21 Sep 2023 11:26
 Operator : JC\MD
 Sample : VN0921WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 22 02:27:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	27551	18.143	ug/l	#	82
42) 1,2-Dichloroethane	8.671	62	58397	18.351	ug/l		99
43) Isopropyl Acetate	8.694	43	80904	16.463	ug/l	#	91
44) Trichloroethene	9.353	130	37729	16.569	ug/l		99
45) 1,2-Dichloropropane	9.624	63	43048	18.765	ug/l		100
46) Dibromomethane	9.712	93	28930	18.577	ug/l		100
47) Bromodichloromethane	9.888	83	58670	18.393	ug/l		95
48) Methyl methacrylate	9.688	41	35977	16.344	ug/l		86
49) 1,4-Dioxane	9.700	88	13527	298.774	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	252514	88.517	ug/l		88
52) Toluene	10.635	92	97746	17.207	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	57121	16.983	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	63213	17.572	ug/l	#	91
55) 1,1,2-Trichloroethane	11.018	97	39343	17.650	ug/l		96
56) Ethyl methacrylate	10.877	69	51839	16.475	ug/l	#	79
57) 1,3-Dichloropropane	11.165	76	69140	17.943	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	111174	90.385	ug/l	#	88
59) 2-Hexanone	11.200	43	176197	85.276	ug/l		86
60) Dibromochloromethane	11.359	129	40214	16.952	ug/l		96
61) 1,2-Dibromoethane	11.471	107	36466	16.393	ug/l		97
64) Tetrachloroethene	11.106	164	34395	17.712	ug/l		98
65) Chlorobenzene	11.894	112	100234	16.614	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	37105	16.401	ug/l		98
67) Ethyl Benzene	11.965	91	177668	17.217	ug/l		97
68) m/p-Xylenes	12.076	106	131083	34.079	ug/l		95
69) o-Xylene	12.400	106	61645	16.710	ug/l		92
70) Styrene	12.418	104	103403	17.428	ug/l		99
71) Bromoform	12.582	173	26229	15.705	ug/l	#	98
73) Isopropylbenzene	12.700	105	162165	16.798	ug/l		99
74) N-amyl acetate	12.500	43	57684	15.749	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	55889	15.546	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	48653m	17.013	ug/l		
77) Bromobenzene	12.982	156	37713	15.428	ug/l		95
78) n-propylbenzene	13.041	91	191263	17.636	ug/l		96
79) 2-Chlorotoluene	13.129	91	117262	16.532	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	137759	17.125	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	14206	13.657	ug/l	#	76
82) 4-Chlorotoluene	13.223	91	110694	16.608	ug/l		98
83) tert-Butylbenzene	13.441	119	108441	16.295	ug/l		98
84) 1,2,4-Trimethylbenzene	13.488	105	131508	17.166	ug/l		98
85) sec-Butylbenzene	13.618	105	155519	16.975	ug/l		99
86) p-Isopropyltoluene	13.735	119	121009	16.533	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	62968	15.705	ug/l		98
88) 1,4-Dichlorobenzene	13.818	146	62747	15.487	ug/l		99
89) n-Butylbenzene	14.059	91	94818	16.474	ug/l		97
90) Hexachloroethane	14.335	117	26150	17.593	ug/l		99
91) 1,2-Dichlorobenzene	14.112	146	62116	15.693	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8503	15.559	ug/l		96
93) 1,2,4-Trichlorobenzene	15.400	180	17199	12.092	ug/l		96
94) Hexachlorobutadiene	15.506	225	15325	13.696	ug/l		97
95) Naphthalene	15.647	128	40070	9.485	ug/l		97
96) 1,2,3-Trichlorobenzene	15.841	180	19855	11.834	ug/l		97

09/22/2023
 Supervised By :Mahesh
 Dadoda

09/22/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
Data File : VN079317.D
Acq On : 21 Sep 2023 11:26
Operator : JC\MD
Sample : VN0921WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS01

Manual Integrations
APPROVED

Reviewed By :John
Carlone

Quant Time: Sep 22 02:27:18 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

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

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

09/22/2023
Supervised By :Mahesh
Dadoda

09/22/2023

