

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082836.D
 Acq On : 09 Jul 2024 13:44
 Operator : JC\MD
 Sample : VN0709WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Quant Time: Jul 10 01:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

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

Internal Standards						07/10/2024
1) Pentafluorobenzene	8.230	168	116351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88461	50.000	ug/l	0.00
System Monitoring Compounds						07/10/2024
33) 1,2-Dichloroethane-d4	8.583	65	87011	53.348	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.700%
35) Dibromofluoromethane	8.171	113	66846	51.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.900%
50) Toluene-d8	10.571	98	272349	57.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	114.620%#
62) 4-Bromofluorobenzene	12.853	95	92551	54.216	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	108.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	36041	23.926	ug/l	98
3) Chloromethane	2.360	50	33194	23.236	ug/l	97
4) Vinyl Chloride	2.512	62	34628	23.080	ug/l	97
5) Bromomethane	2.954	94	24199	22.370	ug/l	95
6) Chloroethane	3.112	64	23997	23.373	ug/l	93
7) Trichlorofluoromethane	3.495	101	43651	20.229	ug/l	95
8) Diethyl Ether	3.965	74	14723	19.936	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.359	101	25562	20.930	ug/l	96
10) Methyl Iodide	4.589	142	23485	18.756	ug/l	96
11) Tert butyl alcohol	5.530	59	25135	91.625	ug/l #	82
12) 1,1-Dichloroethene	4.336	96	22819	19.212	ug/l	92
13) Acrolein	4.183	56	19624	99.083	ug/l	100
14) Allyl chloride	5.018	41	36985	19.971	ug/l	91
15) Acrylonitrile	5.730	53	62760	99.549	ug/l	99
16) Acetone	4.436	43	57793	100.644	ug/l	97
17) Carbon Disulfide	4.712	76	67614	19.050	ug/l	98
18) Methyl Acetate	5.030	43	30401	20.008	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	76071	18.567	ug/l	98
20) Methylene Chloride	5.283	84	26444	19.069	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	24597	19.112	ug/l	88
22) Diisopropyl ether	6.677	45	78244	20.195	ug/l #	90
23) Vinyl Acetate	6.606	43	304900	99.096	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	47599	20.254	ug/l	98
25) 2-Butanone	7.489	43	87289	100.672	ug/l #	88
26) 2,2-Dichloropropane	7.494	77	43697	19.998	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	29290	19.440	ug/l	88
28) Bromochloromethane	7.812	49	26375	26.161	ug/l #	83
29) Tetrahydrofuran	7.841	42	57248	104.876	ug/l #	88
30) Chloroform	7.965	83	50878	20.407	ug/l	98
31) Cyclohexane	8.253	56	41303	19.370	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	45750	19.764	ug/l	97
36) 1,1-Dichloropropene	8.371	75	34627	19.519	ug/l	97
37) Ethyl Acetate	7.559	43	36527	20.224	ug/l	98
38) Carbon Tetrachloride	8.365	117	40698	19.054	ug/l	94
39) Methylcyclohexane	9.606	83	36502	19.049	ug/l	92
40) Benzene	8.606	78	109932	20.146	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082836.D
 Acq On : 09 Jul 2024 13:44
 Operator : JC\MD
 Sample : VN0709WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 01:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	17697	18.188	ug/l	#	90
42) 1,2-Dichloroethane	8.671	62	38366	19.530	ug/l		94
43) Isopropyl Acetate	8.694	43	65273	17.222	ug/l		95
44) Trichloroethene	9.353	130	26296	18.809	ug/l		97
45) 1,2-Dichloropropane	9.624	63	27030	21.217	ug/l		98
46) Dibromomethane	9.712	93	20458	20.613	ug/l		99
47) Bromodichloromethane	9.888	83	41005	19.995	ug/l		98
48) Methyl methacrylate	9.683	41	27899	19.700	ug/l	#	88
49) 1,4-Dioxane	9.700	88	12525	401.160	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.447	43	201059	112.291	ug/l		95
52) Toluene	10.630	92	72337	21.221	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	43322	20.506	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	44936	20.095	ug/l	#	88
55) 1,1,2-Trichloroethane	11.018	97	28635	22.845	ug/l		93
56) Ethyl methacrylate	10.877	69	41542	21.302	ug/l		89
57) 1,3-Dichloropropane	11.165	76	47934	21.604	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	95223	95.160	ug/l		96
59) 2-Hexanone	11.200	43	154095	115.755	ug/l		95
60) Dibromochloromethane	11.359	129	33209	20.801	ug/l		99
61) 1,2-Dibromoethane	11.471	107	28246	21.220	ug/l		99
64) Tetrachloroethene	11.106	164	27820	19.472	ug/l		93
65) Chlorobenzene	11.894	112	79809	19.449	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	28618	19.606	ug/l		99
67) Ethyl Benzene	11.965	91	131755	19.104	ug/l		99
68) m/p-Xylenes	12.071	106	101049	38.808	ug/l		98
69) o-Xylene	12.400	106	47800	19.159	ug/l		95
70) Styrene	12.412	104	79558	19.299	ug/l		99
71) Bromoform	12.582	173	22612	19.698	ug/l	#	100
73) Isopropylbenzene	12.694	105	121018	18.827	ug/l		99
74) N-amyl acetate	12.494	43	52493	19.743	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.935	83	39425	20.479	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	37053m	24.295	ug/l		
77) Bromobenzene	12.982	156	31306	18.878	ug/l		97
78) n-propylbenzene	13.035	91	144160	19.506	ug/l		98
79) 2-Chlorotoluene	13.129	91	89438	18.993	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	101440	19.523	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	16266	20.976	ug/l		90
82) 4-Chlorotoluene	13.224	91	89223	19.142	ug/l		97
83) tert-Butylbenzene	13.441	119	83485	18.124	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	102865	19.424	ug/l		100
85) sec-Butylbenzene	13.618	105	119403	19.182	ug/l		100
86) p-Isopropyltoluene	13.729	119	98695	19.004	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	56800	18.961	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	56529	18.246	ug/l		98
89) n-Butylbenzene	14.059	91	81862	18.398	ug/l		99
90) Hexachloroethane	14.335	117	20929	19.045	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	56272	19.347	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8615	19.343	ug/l		95
93) 1,2,4-Trichlorobenzene	15.394	180	28743	18.346	ug/l		98
94) Hexachlorobutadiene	15.506	225	12256	17.646	ug/l		98
95) Naphthalene	15.641	128	91194	16.994	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	28366	17.609	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
Data File : VN082836.D
Acq On : 09 Jul 2024 13:44
Operator : JC\MD
Sample : VN0709WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 01:19:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

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

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

07/10/2024
Supervised By :Mahesh
Dadoda

07/10/2024

