

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079698.D
 Acq On : 26 Oct 2023 16:24
 Operator : JC\MD
 Sample : VN1026WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	289542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	452915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207524	44.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.400%		
35) Dibromofluoromethane	8.171	113	166238	46.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.571	98	618285	47.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.920%		
62) 4-Bromofluorobenzene	12.853	95	196576	47.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	65649	15.823	ug/l	97
3) Chloromethane	2.365	50	75200	14.526	ug/l	96
4) Vinyl Chloride	2.518	62	86863	16.131	ug/l	94
5) Bromomethane	2.954	94	68020	21.101	ug/l	96
6) Chloroethane	3.124	64	63066	15.535	ug/l	95
7) Trichlorofluoromethane	3.501	101	108123	17.006	ug/l	100
8) Diethyl Ether	3.965	74	42254	18.642	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	64168	17.271	ug/l	99
10) Methyl Iodide	4.595	142	65886	20.436	ug/l	96
11) Tert butyl alcohol	5.524	59	54521	77.161	ug/l	99
12) 1,1-Dichloroethene	4.348	96	57878	16.919	ug/l	98
13) Acrolein	4.183	56	55137	78.368	ug/l	95
14) Allyl chloride	5.030	41	91920	16.650	ug/l	91
15) Acrylonitrile	5.724	53	179336	87.544	ug/l	99
16) Acetone	4.436	43	176389	94.727	ug/l	91
17) Carbon Disulfide	4.718	76	146128	13.694	ug/l	97
18) Methyl Acetate	5.030	43	149510	16.405	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	205855	18.520	ug/l	97
20) Methylene Chloride	5.289	84	72526	17.394	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	65786	16.465	ug/l	93
22) Diisopropyl ether	6.677	45	233230	18.840	ug/l #	88
23) Vinyl Acetate	6.606	43	609740	87.565	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	135333	17.863	ug/l	98
25) 2-Butanone	7.489	43	242768	87.841	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	110515	19.088	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	78621	18.113	ug/l	87
28) Bromochloromethane	7.812	49	66732	18.512	ug/l #	73
29) Tetrahydrofuran	7.841	42	153987	86.150	ug/l #	76
30) Chloroform	7.971	83	137786	18.000	ug/l	95
31) Cyclohexane	8.259	56	107658	16.167	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	117809	18.288	ug/l	95
36) 1,1-Dichloropropene	8.371	75	96768	18.096	ug/l	95
37) Ethyl Acetate	7.559	43	101594	19.093	ug/l #	89
38) Carbon Tetrachloride	8.365	117	96566	18.038	ug/l	97
39) Methylcyclohexane	9.606	83	91097	17.731	ug/l #	87
40) Benzene	8.612	78	296596	18.676	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079698.D
 Acq On : 26 Oct 2023 16:24
 Operator : JC\MD
 Sample : VN1026WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Quant Time: Oct 27 01:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53190	19.014	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	106772	18.503	ug/l	98
43) Isopropyl Acetate	8.694	43	161458	17.320	ug/l #	89
44) Trichloroethene	9.359	130	69250	18.527	ug/l	92
45) 1,2-Dichloropropane	9.624	63	78612	18.787	ug/l	100
46) Dibromomethane	9.712	93	51197	18.892	ug/l	91
47) Bromodichloromethane	9.894	83	106571	19.117	ug/l	97
48) Methyl methacrylate	9.688	41	73613	18.428	ug/l #	81
49) 1,4-Dioxane	9.700	88	25997	353.315	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	502792	95.546	ug/l	89
52) Toluene	10.635	92	181692	19.436	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	107534	19.142	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	119489	19.430	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	72255	19.253	ug/l	91
56) Ethyl methacrylate	10.877	69	102316	19.840	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	127319	19.647	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	165449	83.772	ug/l	89
59) 2-Hexanone	11.200	43	361032	95.076	ug/l	88
60) Dibromochloromethane	11.365	129	73766	19.557	ug/l	98
61) 1,2-Dibromoethane	11.471	107	70069	18.813	ug/l	97
64) Tetrachloroethene	11.106	164	59305	19.034	ug/l	95
65) Chlorobenzene	11.894	112	188363	18.675	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	69117	18.715	ug/l	96
67) Ethyl Benzene	11.965	91	333727	19.036	ug/l	97
68) m/p-Xylenes	12.077	106	250918	39.391	ug/l	94
69) o-Xylene	12.400	106	120565	19.246	ug/l	94
70) Styrene	12.418	104	192936	19.498	ug/l	97
71) Bromoform	12.576	173	49248	18.220	ug/l #	99
73) Isopropylbenzene	12.700	105	308872	18.923	ug/l	100
74) N-amyl acetate	12.500	43	120198	17.962	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	106618	19.495	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	95162m	18.811	ug/l	
77) Bromobenzene	12.982	156	72608	18.141	ug/l	96
78) n-propylbenzene	13.041	91	357996	19.385	ug/l	97
79) 2-Chlorotoluene	13.129	91	218653	18.502	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	253312	19.680	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28724	16.475	ug/l #	81
82) 4-Chlorotoluene	13.224	91	210180	18.690	ug/l	99
83) tert-Butylbenzene	13.441	119	200337	18.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	248656	20.243	ug/l	98
85) sec-Butylbenzene	13.623	105	288779	19.632	ug/l	99
86) p-Isopropyltoluene	13.735	119	227816	20.189	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	120217	18.938	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	120071	18.318	ug/l	98
89) n-Butylbenzene	14.065	91	177248	19.670	ug/l	98
90) Hexachloroethane	14.335	117	45861	19.379	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	116668	18.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15651	16.582	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	30668	15.991	ug/l	96
94) Hexachlorobutadiene	15.506	225	29187	19.541	ug/l	99
95) Naphthalene	15.641	128	80080	13.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	35665	15.584	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
Data File : VN079698.D
Acq On : 26 Oct 2023 16:24
Operator : JC\MD
Sample : VN1026WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:21:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

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

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

