

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085145.D
 Acq On : 09 Dec 2024 12:09
 Operator : JC\MD
 Sample : VN1209WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 06:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103903	51.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.080%
35) Dibromofluoromethane	8.165	113	82760	53.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.780%
50) Toluene-d8	10.565	98	280439	50.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.847	95	108911	52.915	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.820%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	25340	15.681	ug/l	100
3) Chloromethane	2.359	50	28131	15.009	ug/l	94
4) Vinyl Chloride	2.512	62	28111	16.690	ug/l	98
5) Bromomethane	2.954	94	21310	22.573	ug/l	89
6) Chloroethane	3.118	64	19554	17.224	ug/l	89
7) Trichlorofluoromethane	3.495	101	53885	18.806	ug/l	93
8) Diethyl Ether	3.959	74	18528	18.999	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	30675	18.876	ug/l	97
10) Methyl Iodide	4.589	142	34867	16.209	ug/l #	88
11) Tert butyl alcohol	5.524	59	32374	119.009	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	27589	18.188	ug/l	98
13) Acrolein	4.183	56	16533	91.082	ug/l	96
14) Allyl chloride	5.024	41	40399	15.799	ug/l	93
15) Acrylonitrile	5.712	53	83176	107.998	ug/l	99
16) Acetone	4.430	43	74370	125.441	ug/l	100
17) Carbon Disulfide	4.712	76	75855	16.942	ug/l	97
18) Methyl Acetate	5.024	43	41727	21.363	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	99012	19.978	ug/l	99
20) Methylene Chloride	5.271	84	32787	18.123	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	30746	19.261	ug/l	96
22) Diisopropyl ether	6.671	45	98604	19.159	ug/l	98
23) Vinyl Acetate	6.600	43	362666	102.144	ug/l	99
24) 1,1-Dichloroethane	6.565	63	57735	18.746	ug/l	97
25) 2-Butanone	7.483	43	112790	116.364	ug/l	99
26) 2,2-Dichloropropane	7.489	77	52876	18.386	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	37551	19.514	ug/l	96
28) Bromochloromethane	7.806	49	23969	20.617	ug/l #	14
29) Tetrahydrofuran	7.836	42	71330	118.337	ug/l	98
30) Chloroform	7.959	83	63927	19.513	ug/l	91
31) Cyclohexane	8.253	56	48755	17.980	ug/l #	92
32) 1,1,1-Trichloroethane	8.165	97	57246	19.337	ug/l	99
36) 1,1-Dichloropropene	8.371	75	40646	19.540	ug/l	99
37) Ethyl Acetate	7.559	43	42607	22.530	ug/l	98
38) Carbon Tetrachloride	8.359	117	50365	20.975	ug/l	98
39) Methylcyclohexane	9.600	83	39992	18.501	ug/l	91
40) Benzene	8.606	78	131898	20.048	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
 Data File : VN085145.D
 Acq On : 09 Dec 2024 12:09
 Operator : JC\MD
 Sample : VN1209WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Quant Time: Dec 10 06:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24485	23.385	ug/l	97
42) 1,2-Dichloroethane	8.671	62	46478	20.649	ug/l	98
43) Isopropyl Acetate	8.688	43	72452	18.444	ug/l	97
44) Trichloroethene	9.347	130	32181	21.047	ug/l	91
45) 1,2-Dichloropropane	9.618	63	33025	20.380	ug/l	94
46) Dibromomethane	9.706	93	24259	21.544	ug/l	96
47) Bromodichloromethane	9.888	83	51571	21.610	ug/l	98
48) Methyl methacrylate	9.683	41	32820	22.453	ug/l	97
49) 1,4-Dioxane	9.694	88	14074	555.200	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	229577	127.955	ug/l	99
52) Toluene	10.630	92	81847	21.014	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	50056	20.921	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	52486	20.678	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	33335	22.978	ug/l	98
56) Ethyl methacrylate	10.871	69	48238	22.755	ug/l	98
57) 1,3-Dichloropropane	11.165	76	55071	21.568	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	111311	107.042	ug/l	100
59) 2-Hexanone	11.194	43	172584	128.613	ug/l	97
60) Dibromochloromethane	11.359	129	40774	22.997	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33251	22.146	ug/l	100
64) Tetrachloroethene	11.100	164	28313	20.683	ug/l	93
65) Chlorobenzene	11.894	112	90827	19.714	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	33935	20.920	ug/l	98
67) Ethyl Benzene	11.965	91	147522	19.736	ug/l	100
68) m/p-Xylenes	12.071	106	116268	40.857	ug/l	99
69) o-Xylene	12.394	106	53545	19.780	ug/l	96
70) Styrene	12.412	104	97192	21.590	ug/l	97
71) Bromoform	12.576	173	28670	23.810	ug/l #	100
73) Isopropylbenzene	12.694	105	140110	19.586	ug/l	100
74) N-amyl acetate	12.494	43	61760	20.951	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48806	19.980	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	34594m	18.756	ug/l	
77) Bromobenzene	12.976	156	37253	19.352	ug/l	98
78) n-propylbenzene	13.035	91	169221	20.509	ug/l	100
79) 2-Chlorotoluene	13.123	91	107288	19.479	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	124423	20.728	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16816m	20.127	ug/l	
82) 4-Chlorotoluene	13.218	91	108808	18.977	ug/l	99
83) tert-Butylbenzene	13.435	119	102778	19.900	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	123353	19.964	ug/l	98
85) sec-Butylbenzene	13.618	105	139963	20.061	ug/l	98
86) p-Isopropyltoluene	13.729	119	115995	20.140	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	68149	17.948	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	68126	17.582	ug/l	98
89) n-Butylbenzene	14.053	91	95516	17.833	ug/l	96
90) Hexachloroethane	14.335	117	23660	18.846	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	64932	17.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9668	20.468	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	31255	15.812	ug/l	98
94) Hexachlorobutadiene	15.506	225	16202	17.760	ug/l	97
95) Naphthalene	15.641	128	98185	17.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31563	16.735	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
Data File : VN085145.D
Acq On : 09 Dec 2024 12:09
Operator : JC\MD
Sample : VN1209WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 06:58:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120924\
Data File : VN085145.D
Acq On : 09 Dec 2024 12:09
Operator : JC\MD
Sample : VN1209WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 06:58:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

