

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085291.D
 Acq On : 23 Dec 2024 14:03
 Operator : JC\MD
 Sample : VN1223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:08:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	170292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	296655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	250042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	146507	49.222	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.159	113	107897	51.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.559	98	395778	51.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.847	95	128150	47.067	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50207	18.507	ug/l	98
3) Chloromethane	2.359	50	49284	19.059	ug/l	99
4) Vinyl Chloride	2.512	62	47901	19.771	ug/l	99
5) Bromomethane	2.965	94	29845	18.779	ug/l	91
6) Chloroethane	3.124	64	30367	19.925	ug/l	100
7) Trichlorofluoromethane	3.506	101	70407	17.996	ug/l	98
8) Diethyl Ether	3.959	74	23665	19.257	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	40207	19.161	ug/l	98
10) Methyl Iodide	4.588	142	44770	18.712	ug/l	94
11) Tert butyl alcohol	5.524	59	24321	58.824	ug/l #	87
12) 1,1-Dichloroethene	4.341	96	35847	18.443	ug/l	90
13) Acrolein	4.183	56	52222	109.679	ug/l	96
14) Allyl chloride	5.018	41	58572m	17.400	ug/l	
15) Acrylonitrile	5.718	53	89189	79.200	ug/l	98
16) Acetone	4.424	43	72648	70.710	ug/l	94
17) Carbon Disulfide	4.706	76	112025	16.889	ug/l	99
18) Methyl Acetate	5.018	43	45817	15.752	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	117289	17.606	ug/l	99
20) Methylene Chloride	5.271	84	41778	18.589	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	38159	17.807	ug/l	92
22) Diisopropyl ether	6.665	45	137605	19.163	ug/l	98
23) Vinyl Acetate	6.600	43	483282	87.097	ug/l	98
24) 1,1-Dichloroethane	6.565	63	77866	18.719	ug/l #	94
25) 2-Butanone	7.477	43	112268	71.355	ug/l	99
26) 2,2-Dichloropropane	7.482	77	67835	17.611	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	44595	17.873	ug/l	98
28) Bromochloromethane	7.812	49	48360	23.053	ug/l	99
29) Tetrahydrofuran	7.835	42	76778	75.701	ug/l	99
30) Chloroform	7.959	83	77369	17.417	ug/l	95
31) Cyclohexane	8.253	56	70164	18.221	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69747	17.616	ug/l	94
36) 1,1-Dichloropropene	8.371	75	54967	18.927	ug/l	99
37) Ethyl Acetate	7.559	43	51341	15.324	ug/l	100
38) Carbon Tetrachloride	8.359	117	59493	16.943	ug/l	98
39) Methylcyclohexane	9.594	83	55104	18.234	ug/l	98
40) Benzene	8.600	78	168038	18.599	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085291.D
 Acq On : 23 Dec 2024 14:03
 Operator : JC\MD
 Sample : VN1223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:08:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27719	16.234	ug/l	99
42) 1,2-Dichloroethane	8.665	62	62413	18.136	ug/l	98
43) Isopropyl Acetate	8.682	43	87534	14.286	ug/l	98
44) Trichloroethene	9.347	130	38008	18.896	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41963	18.759	ug/l	97
46) Dibromomethane	9.700	93	28179	17.646	ug/l	98
47) Bromodichloromethane	9.882	83	60105	17.568	ug/l	99
48) Methyl methacrylate	9.676	41	38363	15.274	ug/l	94
49) 1,4-Dioxane	9.694	88	10948	276.463	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	240572	74.727	ug/l	98
52) Toluene	10.623	92	100886	18.571	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	59532	17.851	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	65184	18.384	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	37362	18.367	ug/l	97
56) Ethyl methacrylate	10.870	69	51046	14.844	ug/l	97
57) 1,3-Dichloropropane	11.159	76	65535	18.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	115539	74.580	ug/l	99
59) 2-Hexanone	11.194	43	164199	71.551	ug/l	100
60) Dibromochloromethane	11.353	129	42515	17.635	ug/l	99
61) 1,2-Dibromoethane	11.465	107	36391	17.369	ug/l	98
64) Tetrachloroethene	11.100	164	34893	20.738	ug/l	92
65) Chlorobenzene	11.888	112	107869	19.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	37142	18.941	ug/l	98
67) Ethyl Benzene	11.959	91	181006	18.789	ug/l	100
68) m/p-Xylenes	12.065	106	137141	38.062	ug/l	97
69) o-Xylene	12.394	106	62500	18.454	ug/l	99
70) Styrene	12.406	104	106115	18.768	ug/l	98
71) Bromoform	12.570	173	25404	16.527	ug/l #	99
73) Isopropylbenzene	12.688	105	161784	19.475	ug/l	99
74) N-amyl acetate	12.488	43	66886	16.120	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	48817	16.493	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	49450m	18.014	ug/l	
77) Bromobenzene	12.976	156	39290	18.013	ug/l	95
78) n-propylbenzene	13.029	91	193921	19.034	ug/l	99
79) 2-Chlorotoluene	13.123	91	118678	18.347	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	136524	19.703	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	16647	16.103	ug/l	96
82) 4-Chlorotoluene	13.217	91	119617	18.274	ug/l	97
83) tert-Butylbenzene	13.435	119	109498	18.634	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	135900	19.187	ug/l	98
85) sec-Butylbenzene	13.611	105	157422	19.215	ug/l	98
86) p-Isopropyltoluene	13.723	119	131292	17.864	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	72514	18.053	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	73357	17.650	ug/l	100
89) n-Butylbenzene	14.053	91	112408	18.658	ug/l	100
90) Hexachloroethane	14.329	117	25010	16.618	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	69656	18.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8576	15.109	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	34029	17.794	ug/l	98
94) Hexachlorobutadiene	15.494	225	16400	16.500	ug/l	99
95) Naphthalene	15.635	128	93942	14.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33861	17.727	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085291.D
Acq On : 23 Dec 2024 14:03
Operator : JC\MD
Sample : VN1223WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:08:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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\VN122324\
Data File : VN085291.D
Acq On : 23 Dec 2024 14:03
Operator : JC\MD
Sample : VN1223WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:08:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

