

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085865.D
 Acq On : 26 Feb 2025 12:33
 Operator : JC\MD
 Sample : VN0226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01

Quant Time: Feb 26 22:52:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	312752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	518107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	453898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	219511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193678	47.766	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.540%		
35) Dibromofluoromethane	8.165	113	169328	49.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	10.565	98	622907	50.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.000%		
62) 4-Bromofluorobenzene	12.847	95	215283	52.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.940%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	75360	17.715	ug/l	98
3) Chloromethane	2.359	50	70069	16.414	ug/l	99
4) Vinyl Chloride	2.506	62	79574	17.606	ug/l	97
5) Bromomethane	2.953	94	49659	17.183	ug/l	92
6) Chloroethane	3.118	64	51421	17.176	ug/l	96
7) Trichlorofluoromethane	3.495	101	118570	18.119	ug/l	97
8) Diethyl Ether	3.959	74	38679	18.268	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	69263	18.311	ug/l	98
10) Methyl Iodide	4.583	142	85864	18.415	ug/l	96
11) Tert butyl alcohol	5.518	59	59355	119.019	ug/l	100
12) 1,1-Dichloroethene	4.342	96	63121	18.404	ug/l	95
13) Acrolein	4.183	56	65298	88.295	ug/l	96
14) Allyl chloride	5.018	41	77202	17.145	ug/l	99
15) Acrylonitrile	5.712	53	171911	106.037	ug/l	98
16) Acetone	4.424	43	134811	105.076	ug/l	99
17) Carbon Disulfide	4.712	76	157975	15.541	ug/l	99
18) Methyl Acetate	5.024	43	93967	21.294	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	199254	19.551	ug/l	98
20) Methylene Chloride	5.277	84	74729	18.112	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	65493	17.734	ug/l	93
22) Diisopropyl ether	6.671	45	198185	19.478	ug/l	98
23) Vinyl Acetate	6.606	43	638255	91.613	ug/l	99
24) 1,1-Dichloroethane	6.571	63	126402	18.274	ug/l	98
25) 2-Butanone	7.482	43	204148	108.157	ug/l	95
26) 2,2-Dichloropropane	7.482	77	112867	18.351	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	80073	18.700	ug/l	97
28) Bromochloromethane	7.812	49	61736	21.716	ug/l	98
29) Tetrahydrofuran	7.841	42	138037	113.252	ug/l	99
30) Chloroform	7.965	83	134873	18.659	ug/l	95
31) Cyclohexane	8.253	56	94804	16.370	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	118506	18.432	ug/l	98
36) 1,1-Dichloropropene	8.371	75	86096	17.944	ug/l	98
37) Ethyl Acetate	7.559	43	83494	21.145	ug/l	98
38) Carbon Tetrachloride	8.359	117	106216	18.631	ug/l	96
39) Methylcyclohexane	9.600	83	78322	16.616	ug/l	98
40) Benzene	8.606	78	283517	18.436	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085865.D
 Acq On : 26 Feb 2025 12:33
 Operator : JC\MD
 Sample : VN0226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Quant Time: Feb 26 22:52:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	44914	21.278	ug/l	98
42) 1,2-Dichloroethane	8.671	62	95308	19.027	ug/l	99
43) Isopropyl Acetate	8.688	43	138339	19.632	ug/l	99
44) Trichloroethene	9.347	130	67909	17.985	ug/l	95
45) 1,2-Dichloropropane	9.618	63	69780	18.798	ug/l	100
46) Dibromomethane	9.706	93	50809	19.405	ug/l	98
47) Bromodichloromethane	9.888	83	106077	18.936	ug/l	96
48) Methyl methacrylate	9.682	41	59874	20.418	ug/l	96
49) 1,4-Dioxane	9.694	88	30529	547.469	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	437085	114.812	ug/l	99
52) Toluene	10.629	92	177804	19.724	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	100480	19.398	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	109665	19.307	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	70189	19.583	ug/l	97
56) Ethyl methacrylate	10.871	69	97284	20.511	ug/l	97
57) 1,3-Dichloropropane	11.159	76	116364	19.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	184371	107.576	ug/l	97
59) 2-Hexanone	11.194	43	313350	119.646	ug/l	99
60) Dibromochloromethane	11.359	129	85035	20.375	ug/l	99
61) 1,2-Dibromoethane	11.465	107	68698	20.286	ug/l	99
64) Tetrachloroethene	11.100	164	64220	18.263	ug/l	95
65) Chlorobenzene	11.888	112	194568	18.712	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	73832	19.755	ug/l	99
67) Ethyl Benzene	11.965	91	305041	18.728	ug/l	100
68) m/p-Xylenes	12.070	106	245872	39.740	ug/l	98
69) o-Xylene	12.400	106	116210	19.766	ug/l	96
70) Styrene	12.412	104	196309	19.409	ug/l	100
71) Bromoform	12.576	173	58751	21.155	ug/l #	99
73) Isopropylbenzene	12.694	105	288544	19.187	ug/l	100
74) N-amyl acetate	12.494	43	105522	19.898	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	104227	20.141	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	95683m	19.623	ug/l	
77) Bromobenzene	12.982	156	76746	18.889	ug/l	95
78) n-propylbenzene	13.035	91	332686	19.317	ug/l	100
79) 2-Chlorotoluene	13.123	91	215354	18.715	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	244262	19.939	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	34224	20.479	ug/l	95
82) 4-Chlorotoluene	13.217	91	214477	18.801	ug/l	97
83) tert-Butylbenzene	13.435	119	193163	18.751	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	243615	20.100	ug/l	100
85) sec-Butylbenzene	13.617	105	273586	18.797	ug/l	99
86) p-Isopropyltoluene	13.729	119	224324	18.120	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	137342	18.043	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	139430	17.871	ug/l	98
89) n-Butylbenzene	14.053	91	167954	16.253	ug/l	98
90) Hexachloroethane	14.329	117	49330	17.896	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	135611	18.526	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	19002	19.996	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	58641	16.812	ug/l	99
94) Hexachlorobutadiene	15.500	225	32894	15.517	ug/l	98
95) Naphthalene	15.641	128	167813	17.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	59740	17.060	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
Data File : VN085865.D
Acq On : 26 Feb 2025 12:33
Operator : JC\MD
Sample : VN0226WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 26 22:52:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

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

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

