

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085530.D
 Acq On : 28 Jan 2025 11:48
 Operator : JC\MD
 Sample : VN0128WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025

Quant Time: Jan 29 00:36:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127977	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147838	50.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.560%
35) Dibromofluoromethane	8.165	113	107958	50.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	10.565	98	390099	51.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.847	95	133187	50.978	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43993	17.838	ug/l	98
3) Chloromethane	2.359	50	47315	17.719	ug/l	99
4) Vinyl Chloride	2.512	62	47895	17.844	ug/l	98
5) Bromomethane	2.959	94	29197	18.008	ug/l	93
6) Chloroethane	3.118	64	33369	19.610	ug/l	98
7) Trichlorofluoromethane	3.501	101	75960	19.504	ug/l	99
8) Diethyl Ether	3.965	74	26094	19.395	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	44549	20.309	ug/l	98
10) Methyl Iodide	4.583	142	50174	19.974	ug/l	99
11) Tert butyl alcohol	5.518	59	39612	117.652	ug/l	98
12) 1,1-Dichloroethene	4.342	96	38078	19.478	ug/l	96
13) Acrolein	4.183	56	40971	89.143	ug/l	96
14) Allyl chloride	5.024	41	61288	19.320	ug/l	98
15) Acrylonitrile	5.718	53	117305	109.689	ug/l	97
16) Acetone	4.424	43	102700	108.100	ug/l	95
17) Carbon Disulfide	4.712	76	97539	16.205	ug/l	99
18) Methyl Acetate	5.024	43	67889	23.500	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	139282	21.942	ug/l	100
20) Methylene Chloride	5.277	84	46285	19.680	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	39520	18.916	ug/l	94
22) Diisopropyl ether	6.665	45	150475	21.371	ug/l	98
23) Vinyl Acetate	6.600	43	520716	105.676	ug/l	100
24) 1,1-Dichloroethane	6.565	63	87788	20.448	ug/l	99
25) 2-Butanone	7.477	43	154236	110.320	ug/l	96
26) 2,2-Dichloropropane	7.489	77	75260	21.682	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	49722	20.206	ug/l	98
28) Bromochloromethane	7.812	49	33640	16.842	ug/l	97
29) Tetrahydrofuran	7.841	42	101879	114.937	ug/l	100
30) Chloroform	7.965	83	91378	20.593	ug/l	99
31) Cyclohexane	8.253	56	65567	17.571	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	78366	20.134	ug/l	98
36) 1,1-Dichloropropene	8.371	75	57513	19.063	ug/l	99
37) Ethyl Acetate	7.553	43	64941	21.326	ug/l	99
38) Carbon Tetrachloride	8.359	117	69210	20.038	ug/l	96
39) Methylcyclohexane	9.600	83	52898	18.659	ug/l	99
40) Benzene	8.606	78	183341	20.225	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085530.D
 Acq On : 28 Jan 2025 11:48
 Operator : JC\MD
 Sample : VN0128WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Quant Time: Jan 29 00:36:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/29/2025
 Supervised By :Semsettin Yesilyurt 01/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33920	21.410	ug/l	98
42) 1,2-Dichloroethane	8.665	62	73450	21.514	ug/l	100
43) Isopropyl Acetate	8.683	43	105226	21.565	ug/l	100
44) Trichloroethene	9.353	130	40907	19.386	ug/l	99
45) 1,2-Dichloropropane	9.618	63	47937	20.703	ug/l	98
46) Dibromomethane	9.706	93	35054	20.981	ug/l	98
47) Bromodichloromethane	9.882	83	73992	21.738	ug/l	95
48) Methyl methacrylate	9.677	41	48128	21.918	ug/l	97
49) 1,4-Dioxane	9.688	88	17249	466.467	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	334158	118.016	ug/l	100
52) Toluene	10.624	92	113049	21.523	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	69056	21.468	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	74974	21.821	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	44789	21.547	ug/l	92
56) Ethyl methacrylate	10.871	69	65671	19.962	ug/l	98
57) 1,3-Dichloropropane	11.159	76	78972	21.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	129996	98.550	ug/l	100
59) 2-Hexanone	11.194	43	235784	118.347	ug/l	99
60) Dibromochloromethane	11.359	129	54955	21.899	ug/l	99
61) 1,2-Dibromoethane	11.465	107	43841	21.189	ug/l	98
64) Tetrachloroethene	11.100	164	39045	20.962	ug/l	97
65) Chlorobenzene	11.888	112	123448	20.625	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	47119	21.449	ug/l	97
67) Ethyl Benzene	11.959	91	200961	20.614	ug/l	99
68) m/p-Xylenes	12.071	106	156444	43.421	ug/l	98
69) o-Xylene	12.394	106	71566	20.785	ug/l	98
70) Styrene	12.412	104	121646	21.347	ug/l	98
71) Bromoform	12.576	173	35363	22.498	ug/l #	99
73) Isopropylbenzene	12.694	105	183110	21.200	ug/l	100
74) N-amyl acetate	12.494	43	84761	21.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	66402	21.763	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	61286m	23.561	ug/l	
77) Bromobenzene	12.976	156	47394	21.002	ug/l	100
78) n-propylbenzene	13.035	91	222149	21.726	ug/l	99
79) 2-Chlorotoluene	13.123	91	143547	21.691	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	155679	21.820	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21365	22.223	ug/l	97
82) 4-Chlorotoluene	13.218	91	141708	21.506	ug/l	99
83) tert-Butylbenzene	13.435	119	126399	21.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	158115	22.236	ug/l	99
85) sec-Butylbenzene	13.612	105	176846	21.297	ug/l	100
86) p-Isopropyltoluene	13.729	119	144432	20.822	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87193	20.981	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	87963	20.420	ug/l	98
89) n-Butylbenzene	14.053	91	121076	20.324	ug/l	99
90) Hexachloroethane	14.329	117	31810	20.123	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	84554	20.397	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12008	21.553	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	37673	19.554	ug/l	96
94) Hexachlorobutadiene	15.500	225	20093	19.644	ug/l	98
95) Naphthalene	15.641	128	110672	19.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	39684	20.356	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
Data File : VN085530.D
Acq On : 28 Jan 2025 11:48
Operator : JC\MD
Sample : VN0128WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/29/2025
Supervised By :Semsettin Yesilyurt 01/29/2025

Quant Time: Jan 29 00:36:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

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

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

