

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087070.D
 Acq On : 17 Jun 2025 19:00
 Operator : JC\MD
 Sample : Q2299-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MS

Quant Time: Jun 18 01:53:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/18/2025
 Supervised By : Mahesh Dadoda 06/18/2025

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	145020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108785	56.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.060%			
35) Dibromofluoromethane	8.171	113	96172	60.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 120.100%			
50) Toluene-d8	10.571	98	352991	55.676	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.360%			
62) 4-Bromofluorobenzene	12.847	95	133537	56.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	97826	67.656	ug/l	96
3) Chloromethane	2.395	50	112582	60.296	ug/l	96
4) Vinyl Chloride	2.554	62	140066	72.721	ug/l	98
5) Bromomethane	2.989	94	63307	58.734	ug/l	98
6) Chloroethane	3.153	64	88264	70.944	ug/l	98
7) Trichlorofluoromethane	3.530	101	177763	70.639	ug/l	98
8) Diethyl Ether	3.983	74	76862	70.102	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	109618	69.333	ug/l	99
10) Methyl Iodide	4.612	142	73511	35.867	ug/l	99
11) Tert butyl alcohol	5.536	59	161850	307.203	ug/l	98
12) 1,1-Dichloroethene	4.371	96	116754	72.333	ug/l	94
13) Acrolein	4.200	56	86183	516.788	ug/l	98
14) Allyl chloride	5.047	41	164164	61.326	ug/l	96
15) Acrylonitrile	5.736	53	392824	318.997	ug/l	99
16) Acetone	4.448	43	299730	291.092	ug/l	98
17) Carbon Disulfide	4.742	76	326333	73.090	ug/l	99
18) Methyl Acetate	5.047	43	148708	49.559	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	393259	67.289	ug/l	99
20) Methylene Chloride	5.300	84	126933	65.846	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	122291	68.097	ug/l	97
22) Diisopropyl ether	6.689	45	363907	64.491	ug/l	96
23) Vinyl Acetate	6.618	43	1463792	307.037	ug/l	98
24) 1,1-Dichloroethane	6.589	63	223215	68.739	ug/l	99
25) 2-Butanone	7.494	43	493855	295.067	ug/l	97
26) 2,2-Dichloropropane	7.506	77	158556	62.770	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	149351	69.539	ug/l	95
28) Bromochloromethane	7.824	49	85853	53.772	ug/l	92
29) Tetrahydrofuran	7.847	42	327966	300.803	ug/l	95
30) Chloroform	7.977	83	220370	67.954	ug/l	99
31) Cyclohexane	8.265	56	186073	59.086	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	185218	67.152	ug/l	99
36) 1,1-Dichloropropene	8.383	75	159315	66.758	ug/l	100
37) Ethyl Acetate	7.571	43	177843	58.540	ug/l	99
38) Carbon Tetrachloride	8.371	117	158169	67.509	ug/l	99
39) Methylcyclohexane	9.606	83	170665	52.199	ug/l	96
40) Benzene	8.612	78	517196	66.275	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087070.D
 Acq On : 17 Jun 2025 19:00
 Operator : JC\MD
 Sample : Q2299-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609MS

Quant Time: Jun 18 01:53:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	98995	58.023	ug/l	92
42) 1,2-Dichloroethane	8.677	62	155019	65.493	ug/l	100
43) Isopropyl Acetate	8.694	43	280576	57.543	ug/l	96
44) Trichloroethene	9.359	130	151948	82.115	ug/l	100
45) 1,2-Dichloropropane	9.624	63	125492	66.099	ug/l	99
46) Dibromomethane	9.712	93	86905	68.915	ug/l	99
47) Bromodichloromethane	9.888	83	170612	65.757	ug/l	98
48) Methyl methacrylate	9.682	41	132916	59.226	ug/l	95
49) 1,4-Dioxane	9.706	88	52294	1280.854	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	908649	309.552	ug/l	97
52) Toluene	10.629	92	320040	67.107	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	189849	65.437	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	203260	65.478	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	123107	67.086	ug/l	97
56) Ethyl methacrylate	10.882	69	202049	69.128	ug/l	95
57) 1,3-Dichloropropane	11.165	76	208744	65.574	ug/l	98
59) 2-Hexanone	11.200	43	607422	321.257	ug/l	93
60) Dibromochloromethane	11.359	129	131987	69.033	ug/l	100
61) 1,2-Dibromoethane	11.471	107	126364	67.182	ug/l	100
64) Tetrachloroethene	11.106	164	93261	62.001	ug/l	96
65) Chlorobenzene	11.888	112	347491	66.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	112655	66.855	ug/l	99
67) Ethyl Benzene	11.965	91	583905	64.667	ug/l	100
68) m/p-Xylenes	12.071	106	460344	133.184	ug/l	98
69) o-Xylene	12.394	106	222096	67.091	ug/l	98
70) Styrene	12.412	104	379036	66.912	ug/l	99
71) Bromoform	12.576	173	88814	71.135	ug/l #	100
73) Isopropylbenzene	12.694	105	532455	62.036	ug/l	100
74) N-amyl acetate	12.512	43	156898	52.313	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	191364	65.813	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	156455m	55.867	ug/l	
77) Bromobenzene	12.976	156	135698	68.940	ug/l	96
78) n-propylbenzene	13.035	91	626061	60.022	ug/l	99
79) 2-Chlorotoluene	13.123	91	388493	62.106	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	428948	60.533	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	69672m	57.269	ug/l	
82) 4-Chlorotoluene	13.218	91	398587	62.975	ug/l	100
83) tert-Butylbenzene	13.435	119	367999	56.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	441174	62.086	ug/l	100
85) sec-Butylbenzene	13.612	105	503569	53.458	ug/l	99
86) p-Isopropyltoluene	13.723	119	428191	54.990	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	247892	64.010	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	252440	63.936	ug/l	99
89) n-Butylbenzene	14.053	91	358523	47.535	ug/l	99
90) Hexachloroethane	14.329	117	78487	59.464	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	239991	64.502	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	42805	61.556	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	128356	54.025	ug/l	100
94) Hexachlorobutadiene	15.500	225	34499	38.974	ug/l	98
95) Naphthalene	15.635	128	534286	60.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	123403	52.277	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087070.D
Acq On : 17 Jun 2025 19:00
Operator : JC\MD
Sample : Q2299-03MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 01:53:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

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

