

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086036.D
 Acq On : 21 Mar 2025 13:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2025
 Supervised By : Semsettin Yesilyurt 03/24/2025

Quant Time: Mar 21 22:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115057	51.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.165	113	93499	52.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.565	98	359851	56.032	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.060%			
62) 4-Bromofluorobenzene	12.847	95	132042	57.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108055	49.815	ug/l	95
3) Chloromethane	2.359	50	88438	46.507	ug/l	99
4) Vinyl Chloride	2.507	62	96215	49.484	ug/l	98
5) Bromomethane	2.942	94	60662	45.803	ug/l	100
6) Chloroethane	3.112	64	57957	47.250	ug/l	96
7) Trichlorofluoromethane	3.495	101	171872	49.173	ug/l	97
8) Diethyl Ether	3.959	74	52398	48.970	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	93720	50.451	ug/l	98
10) Methyl Iodide	4.583	142	124435	51.409	ug/l	92
11) Tert butyl alcohol	5.518	59	70018	220.580	ug/l	97
12) 1,1-Dichloroethene	4.336	96	86308	51.454	ug/l	95
13) Acrolein	4.177	56	101114	298.659	ug/l	97
14) Allyl chloride	5.024	41	94494	45.156	ug/l	97
15) Acrylonitrile	5.718	53	224851	268.216	ug/l	97
16) Acetone	4.424	43	166176	242.610	ug/l	98
17) Carbon Disulfide	4.712	76	256633	46.522	ug/l	99
18) Methyl Acetate	5.024	43	86528	51.059	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	286440	52.112	ug/l	98
20) Methylene Chloride	5.277	84	103078	51.442	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	97315	53.087	ug/l	99
22) Diisopropyl ether	6.671	45	245779	55.115	ug/l	96
23) Vinyl Acetate	6.600	43	910646	269.383	ug/l	100
24) 1,1-Dichloroethane	6.565	63	170839	52.098	ug/l	97
25) 2-Butanone	7.483	43	255996	259.016	ug/l	95
26) 2,2-Dichloropropane	7.489	77	141339	44.769	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	110714	53.148	ug/l	99
28) Bromochloromethane	7.812	49	72328	52.060	ug/l	99
29) Tetrahydrofuran	7.836	42	175553	287.713	ug/l	99
30) Chloroform	7.965	83	190234	52.484	ug/l	98
31) Cyclohexane	8.259	56	135044	48.341	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	178584	52.050	ug/l	98
36) 1,1-Dichloropropene	8.371	75	129290	55.488	ug/l	99
37) Ethyl Acetate	7.559	43	105111	53.471	ug/l	100
38) Carbon Tetrachloride	8.359	117	166470	54.337	ug/l	99
39) Methylcyclohexane	9.600	83	119192	51.559	ug/l	98
40) Benzene	8.606	78	402242	54.991	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086036.D
 Acq On : 21 Mar 2025 13:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 22:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	52611	56.050	ug/l	99
42) 1,2-Dichloroethane	8.671	62	137424	53.919	ug/l	100
43) Isopropyl Acetate	8.683	43	168193	39.485	ug/l	99
44) Trichloroethene	9.347	130	92913	49.010	ug/l	99
45) 1,2-Dichloropropane	9.618	63	94435	56.763	ug/l	98
46) Dibromomethane	9.706	93	72553	55.453	ug/l	98
47) Bromodichloromethane	9.883	83	151208	55.298	ug/l	99
48) Methyl methacrylate	9.677	41	79191	56.338	ug/l	98
49) 1,4-Dioxane	9.694	88	38370	1154.720	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	565757	301.158	ug/l	98
52) Toluene	10.630	92	265190	59.071	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	142912	53.816	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	153379	54.743	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	98942	57.743	ug/l	95
56) Ethyl methacrylate	10.871	69	141326	52.373	ug/l	99
57) 1,3-Dichloropropane	11.159	76	162635	55.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	319939	300.152	ug/l	99
59) 2-Hexanone	11.194	43	421427	307.936	ug/l	98
60) Dibromochloromethane	11.359	129	125903	56.942	ug/l	98
61) 1,2-Dibromoethane	11.471	107	98586	56.044	ug/l	95
64) Tetrachloroethene	11.100	164	95978	49.824	ug/l	98
65) Chlorobenzene	11.888	112	283581	51.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	109310	53.214	ug/l	99
67) Ethyl Benzene	11.965	91	488752	55.293	ug/l	97
68) m/p-Xylenes	12.071	106	401924	115.687	ug/l	99
69) o-Xylene	12.400	106	185580	58.200	ug/l	99
70) Styrene	12.412	104	325424	59.750	ug/l	99
71) Bromoform	12.576	173	90578	52.748	ug/l #	97
73) Isopropylbenzene	12.694	105	467711	49.308	ug/l	99
74) N-amyl acetate	12.494	43	158416	49.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	149745	46.663	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	148586m	47.780	ug/l	
77) Bromobenzene	12.976	156	126401	47.790	ug/l	99
78) n-propylbenzene	13.035	91	568424	52.921	ug/l	99
79) 2-Chlorotoluene	13.123	91	353043	49.485	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	427177	53.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52263	44.432	ug/l	89
82) 4-Chlorotoluene	13.218	91	370842	50.547	ug/l	98
83) tert-Butylbenzene	13.435	119	349102	50.968	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	437972	54.221	ug/l	99
85) sec-Butylbenzene	13.612	105	474302	53.082	ug/l	100
86) p-Isopropyltoluene	13.729	119	409715	54.168	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	241434	50.641	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	238063	47.527	ug/l	99
89) n-Butylbenzene	14.053	91	318015	51.631	ug/l	98
90) Hexachloroethane	14.335	117	80986	46.403	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	231463	48.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30890	48.222	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	106133	44.537	ug/l	97
94) Hexachlorobutadiene	15.500	225	58150	42.060	ug/l	100
95) Naphthalene	15.641	128	310651	45.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	107925	47.728	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086036.D
Acq On : 21 Mar 2025 13:17
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

Quant Time: Mar 21 22:54:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

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

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

