

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086423.D
 Acq On : 29 Apr 2025 03:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 04:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	190690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	349928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	135283	48.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	8.165	113	78606	48.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.565	98	439235	50.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.847	95	162512	51.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88903	39.329	ug/l	100
3) Chloromethane	2.359	50	118401	36.040	ug/l	99
4) Vinyl Chloride	2.518	62	118326	37.743	ug/l	100
5) Bromomethane	2.942	94	62429	44.270	ug/l	99
6) Chloroethane	3.112	64	81949	39.057	ug/l	99
7) Trichlorofluoromethane	3.495	101	148428	42.742	ug/l	100
8) Diethyl Ether	3.959	74	60674	40.022	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	89880	42.784	ug/l	98
10) Methyl Iodide	4.583	142	113405	49.101	ug/l	96
11) Tert butyl alcohol	5.518	59	98679	195.586	ug/l	99
12) 1,1-Dichloroethene	4.342	96	91470	40.755	ug/l	97
13) Acrolein	4.177	56	52419	221.065	ug/l	98
14) Allyl chloride	5.024	41	140137	35.123	ug/l	97
15) Acrylonitrile	5.718	53	261413	209.597	ug/l	100
16) Acetone	4.424	43	211254	220.290	ug/l	99
17) Carbon Disulfide	4.706	76	219091	32.602	ug/l	96
18) Methyl Acetate	5.018	43	150807	45.434	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	351965	42.661	ug/l	100
20) Methylene Chloride	5.271	84	108024	42.257	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	97432	41.523	ug/l	92
22) Diisopropyl ether	6.665	45	355470	40.956	ug/l	98
23) Vinyl Acetate	6.594	43	1168756	192.631	ug/l	98
24) 1,1-Dichloroethane	6.565	63	196265	42.857	ug/l	99
25) 2-Butanone	7.477	43	344810	200.333	ug/l	100
26) 2,2-Dichloropropane	7.489	77	129129	31.493	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	126864	43.561	ug/l	94
28) Bromochloromethane	7.812	49	82921	42.705	ug/l	93
29) Tetrahydrofuran	7.836	42	228328	198.380	ug/l	98
30) Chloroform	7.965	83	203259	45.183	ug/l	99
31) Cyclohexane	8.253	56	167635	37.408	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	173387	45.055	ug/l	100
36) 1,1-Dichloropropene	8.365	75	140288	43.248	ug/l	99
37) Ethyl Acetate	7.553	43	133491	39.089	ug/l	99
38) Carbon Tetrachloride	8.359	117	143414	46.425	ug/l	100
39) Methylcyclohexane	9.594	83	153101	39.709	ug/l	100
40) Benzene	8.606	78	457172	43.989	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086423.D
 Acq On : 29 Apr 2025 03:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 04:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78928	39.877	ug/l	96
42) 1,2-Dichloroethane	8.665	62	152880	46.128	ug/l	98
43) Isopropyl Acetate	8.683	43	298062	48.705	ug/l	96
44) Trichloroethene	9.347	130	109478	44.443	ug/l	100
45) 1,2-Dichloropropane	9.618	63	111651	43.887	ug/l	98
46) Dibromomethane	9.706	93	76732	47.338	ug/l	97
47) Bromodichloromethane	9.883	83	164678	47.039	ug/l	98
48) Methyl methacrylate	9.677	41	122401	40.814	ug/l	96
49) 1,4-Dioxane	9.688	88	42859	840.168	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	760161	217.373	ug/l	99
52) Toluene	10.624	92	299344	46.160	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	173575	44.416	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	180099	41.958	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	109412	46.893	ug/l	98
56) Ethyl methacrylate	10.871	69	191019	44.539	ug/l	98
57) 1,3-Dichloropropane	11.159	76	191989	46.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	418712	205.693	ug/l	97
59) 2-Hexanone	11.194	43	556731	214.634	ug/l	99
60) Dibromochloromethane	11.353	129	125131	48.839	ug/l	100
61) 1,2-Dibromoethane	11.465	107	111793	47.485	ug/l	99
64) Tetrachloroethene	11.100	164	105907	42.406	ug/l	96
65) Chlorobenzene	11.888	112	328986	45.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	112142	46.914	ug/l	99
67) Ethyl Benzene	11.959	91	584802	44.726	ug/l	99
68) m/p-Xylenes	12.065	106	448127	91.469	ug/l	97
69) o-Xylene	12.394	106	225957	46.637	ug/l	97
70) Styrene	12.406	104	382070	47.328	ug/l	99
71) Bromoform	12.576	173	86109	47.846	ug/l #	97
73) Isopropylbenzene	12.688	105	555574	43.551	ug/l	100
74) N-amyl acetate	12.488	43	245848	38.712	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	164133	44.748	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	150365m	40.859	ug/l	
77) Bromobenzene	12.976	156	133063	47.076	ug/l	93
78) n-propylbenzene	13.029	91	657896	43.766	ug/l	100
79) 2-Chlorotoluene	13.123	91	413000	43.907	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	456461	43.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	58668	38.286	ug/l	97
82) 4-Chlorotoluene	13.218	91	414222	44.331	ug/l	100
83) tert-Butylbenzene	13.435	119	397531	43.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	469759	44.200	ug/l	99
85) sec-Butylbenzene	13.612	105	556315	44.332	ug/l	99
86) p-Isopropyltoluene	13.723	119	464155	44.875	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	245212	46.149	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	243902	45.573	ug/l	99
89) n-Butylbenzene	14.053	91	390266	42.568	ug/l	99
90) Hexachloroethane	14.329	117	79628	45.768	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	229370	44.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30274	40.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	103577	41.988	ug/l	99
94) Hexachlorobutadiene	15.494	225	37219	39.969	ug/l	99
95) Naphthalene	15.635	128	354783	40.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	98241	42.065	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086423.D
Acq On : 29 Apr 2025 03:44
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 04:12:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

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

