

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085514.D
 Acq On : 21 Jan 2025 16:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 22 00:41:05 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 :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	216974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	356685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	317997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	150489	42.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.940%
35) Dibromofluoromethane	8.159	113	111833	45.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	10.559	98	415174	47.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.841	95	146540	48.725	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	139632	47.530	ug/l	97
3) Chloromethane	2.360	50	135545	42.613	ug/l	99
4) Vinyl Chloride	2.518	62	146666	45.874	ug/l	99
5) Bromomethane	2.959	94	87763	45.444	ug/l	97
6) Chloroethane	3.124	64	95322	47.027	ug/l	99
7) Trichlorofluoromethane	3.501	101	234184	50.482	ug/l	97
8) Diethyl Ether	3.954	74	71889	44.858	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	128694	49.254	ug/l	99
10) Methyl Iodide	4.589	142	148109	49.499	ug/l	95
11) Tert butyl alcohol	5.500	59	72976	181.963	ug/l	99
12) 1,1-Dichloroethene	4.342	96	114032	48.969	ug/l	95
13) Acrolein	4.171	56	119143	217.625	ug/l	99
14) Allyl chloride	5.018	41	182977	48.424	ug/l	97
15) Acrylonitrile	5.706	53	268266	210.593	ug/l	99
16) Acetone	4.418	43	211911	187.257	ug/l	99
17) Carbon Disulfide	4.712	76	312250	43.551	ug/l	98
18) Methyl Acetate	5.012	43	148613	43.187	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	382430	50.578	ug/l	99
20) Methylene Chloride	5.271	84	131371	46.893	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	121567	48.849	ug/l	96
22) Diisopropyl ether	6.659	45	427000	50.913	ug/l	97
23) Vinyl Acetate	6.595	43	1470550	250.544	ug/l	99
24) 1,1-Dichloroethane	6.559	63	248427	48.578	ug/l	99
25) 2-Butanone	7.471	43	336846	202.269	ug/l	98
26) 2,2-Dichloropropane	7.483	77	226786	54.851	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	147337	50.265	ug/l	98
28) Bromochloromethane	7.800	49	100096	42.071	ug/l	98
29) Tetrahydrofuran	7.830	42	222540	210.773	ug/l	99
30) Chloroform	7.959	83	255848	48.406	ug/l	99
31) Cyclohexane	8.247	56	202146	45.478	ug/l	93
32) 1,1,1-Trichloroethane	8.159	97	228180	49.217	ug/l	98
36) 1,1-Dichloropropene	8.365	75	176745	50.892	ug/l	99
37) Ethyl Acetate	7.547	43	140455	40.068	ug/l	98
38) Carbon Tetrachloride	8.353	117	200912	50.532	ug/l	98
39) Methylcyclohexane	9.594	83	184889	56.653	ug/l	98
40) Benzene	8.600	78	531059	50.892	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085514.D
 Acq On : 21 Jan 2025 16:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 22 00:41:05 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 :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	85863	47.081	ug/l	98
42) 1,2-Dichloroethane	8.665	62	194056	49.376	ug/l	100
43) Isopropyl Acetate	8.677	43	264200	47.036	ug/l	100
44) Trichloroethene	9.341	130	122231	50.321	ug/l	91
45) 1,2-Dichloropropane	9.612	63	132282	49.629	ug/l	99
46) Dibromomethane	9.700	93	91105	47.371	ug/l	97
47) Bromodichloromethane	9.883	83	204675	52.237	ug/l	100
48) Methyl methacrylate	9.671	41	125599	49.688	ug/l	98
49) 1,4-Dioxane	9.688	88	30617	719.270	ug/l	99
51) 4-Methyl-2-Pentanone	10.435	43	741124	227.379	ug/l	99
52) Toluene	10.624	92	325594	53.850	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	199212	53.800	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	216096	54.635	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	119390	49.896	ug/l	99
56) Ethyl methacrylate	10.865	69	181628	45.251	ug/l	99
57) 1,3-Dichloropropane	11.153	76	209430	50.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	354716	233.603	ug/l	99
59) 2-Hexanone	11.188	43	514277	224.239	ug/l	100
60) Dibromochloromethane	11.353	129	148306	51.338	ug/l	100
61) 1,2-Dibromoethane	11.459	107	117016	49.129	ug/l	98
64) Tetrachloroethene	11.094	164	115906	53.465	ug/l	96
65) Chlorobenzene	11.882	112	350833	50.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	126968	49.660	ug/l	98
67) Ethyl Benzene	11.959	91	630897	55.604	ug/l	98
68) m/p-Xylenes	12.065	106	472600	112.702	ug/l	100
69) o-Xylene	12.394	106	223929	55.878	ug/l	99
70) Styrene	12.406	104	384465	57.969	ug/l	99
71) Bromoform	12.571	173	91320	49.918	ug/l #	100
73) Isopropylbenzene	12.688	105	581866	56.326	ug/l	100
74) N-amyl acetate	12.488	43	221742	47.756	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.929	83	158099	43.325	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	139109m	44.715	ug/l	
77) Bromobenzene	12.971	156	136668	50.638	ug/l	97
78) n-propylbenzene	13.029	91	701271	57.343	ug/l	100
79) 2-Chlorotoluene	13.118	91	418400	52.863	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	494416	57.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	56119	48.805	ug/l	91
82) 4-Chlorotoluene	13.218	91	430527	54.631	ug/l	100
83) tert-Butylbenzene	13.429	119	416956	58.188	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	493819	58.065	ug/l	99
85) sec-Butylbenzene	13.612	105	585924	58.997	ug/l	100
86) p-Isopropyltoluene	13.723	119	491959	54.417	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	255492	51.403	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	256209	49.731	ug/l	98
89) n-Butylbenzene	14.047	91	428673	60.166	ug/l	99
90) Hexachloroethane	14.329	117	92452	48.899	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	241191	48.648	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	27703	41.574	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	121019	52.519	ug/l	98
94) Hexachlorobutadiene	15.494	225	59856	48.927	ug/l	96
95) Naphthalene	15.635	128	323440	47.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	113668	48.752	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
Data File : VN085514.D
Acq On : 21 Jan 2025 16:08
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025

Quant Time: Jan 22 00:41:05 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

