

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085480.D
 Acq On : 17 Jan 2025 09:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 22:29:14 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 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	217984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	352497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	315106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	175024	49.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.480%
35) Dibromofluoromethane	8.159	113	130366	53.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.620%
50) Toluene-d8	10.559	98	480814	55.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.680%
62) 4-Bromofluorobenzene	12.841	95	167339	56.302	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	142522	48.289	ug/l	98
3) Chloromethane	2.359	50	148881	46.589	ug/l	98
4) Vinyl Chloride	2.512	62	148648	46.279	ug/l	98
5) Bromomethane	2.959	94	90402	46.594	ug/l	91
6) Chloroethane	3.124	64	100818	49.508	ug/l	98
7) Trichlorofluoromethane	3.501	101	231242	49.617	ug/l	98
8) Diethyl Ether	3.959	74	74698	46.395	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	131533	50.107	ug/l	98
10) Methyl Iodide	4.589	142	150208	49.968	ug/l	97
11) Tert butyl alcohol	5.506	59	79692	197.788	ug/l	99
12) 1,1-Dichloroethene	4.342	96	118146	50.501	ug/l	95
13) Acrolein	4.177	56	139841	254.249	ug/l	98
14) Allyl chloride	5.018	41	186163	49.039	ug/l	98
15) Acrylonitrile	5.712	53	291304	227.618	ug/l	98
16) Acetone	4.418	43	266416	234.330	ug/l	97
17) Carbon Disulfide	4.712	76	326694	45.354	ug/l	98
18) Methyl Acetate	5.018	43	158996	45.990	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	397026	52.265	ug/l	99
20) Methylene Chloride	5.271	84	136385	48.457	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	123125	49.246	ug/l	97
22) Diisopropyl ether	6.659	45	447406	53.098	ug/l	98
23) Vinyl Acetate	6.594	43	1550801	262.993	ug/l	99
24) 1,1-Dichloroethane	6.565	63	255298	49.690	ug/l	100
25) 2-Butanone	7.477	43	381269	227.883	ug/l	99
26) 2,2-Dichloropropane	7.477	77	232243	55.910	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	149381	50.727	ug/l	98
28) Bromochloromethane	7.806	49	116558	48.763	ug/l	100
29) Tetrahydrofuran	7.830	42	252817	238.339	ug/l	99
30) Chloroform	7.959	83	264317	49.776	ug/l	99
31) Cyclohexane	8.253	56	216125	48.398	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	235566	50.574	ug/l	97
36) 1,1-Dichloropropene	8.365	75	180652	52.635	ug/l	100
37) Ethyl Acetate	7.553	43	161469	46.610	ug/l	97
38) Carbon Tetrachloride	8.353	117	205764	52.367	ug/l	97
39) Methylcyclohexane	9.594	83	189728	58.827	ug/l	98
40) Benzene	8.600	78	541617	52.520	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085480.D
 Acq On : 17 Jan 2025 09:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 22:29:14 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 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	95427	52.946	ug/l	97
42) 1,2-Dichloroethane	8.665	62	202429	52.119	ug/l	100
43) Isopropyl Acetate	8.683	43	280521	50.535	ug/l	99
44) Trichloroethene	9.347	130	123117	51.288	ug/l	92
45) 1,2-Dichloropropane	9.618	63	136455	51.803	ug/l	98
46) Dibromomethane	9.700	93	96427	50.733	ug/l	98
47) Bromodichloromethane	9.882	83	209222	54.031	ug/l	99
48) Methyl methacrylate	9.677	41	133861	53.586	ug/l	99
49) 1,4-Dioxane	9.688	88	35771	850.335	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	817818	253.890	ug/l	100
52) Toluene	10.624	92	335184	56.095	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	206150	56.335	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	219075	56.047	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	126436	53.468	ug/l	99
56) Ethyl methacrylate	10.871	69	189969	47.779	ug/l	98
57) 1,3-Dichloropropane	11.159	76	220942	53.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	424481	282.869	ug/l	99
59) 2-Hexanone	11.188	43	582174	256.860	ug/l	99
60) Dibromochloromethane	11.353	129	150510	52.720	ug/l	99
61) 1,2-Dibromoethane	11.465	107	119926	50.949	ug/l	100
64) Tetrachloroethene	11.100	164	115510	53.771	ug/l	98
65) Chlorobenzene	11.888	112	358105	51.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	130026	51.323	ug/l	99
67) Ethyl Benzene	11.959	91	639798	56.906	ug/l	98
68) m/p-Xylenes	12.065	106	485139	116.753	ug/l	100
69) o-Xylene	12.394	106	227660	57.330	ug/l	99
70) Styrene	12.406	104	390499	59.419	ug/l	99
71) Bromoform	12.571	173	96860	53.432	ug/l #	99
73) Isopropylbenzene	12.688	105	596927	56.875	ug/l	99
74) N-amyl acetate	12.488	43	235727	49.969	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	170784	46.066	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	154113m	48.759	ug/l	
77) Bromobenzene	12.976	156	141029	51.432	ug/l	97
78) n-propylbenzene	13.029	91	724074	58.277	ug/l	99
79) 2-Chlorotoluene	13.118	91	433208	53.873	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	512861	59.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	59585m	51.005	ug/l	
82) 4-Chlorotoluene	13.218	91	440459	55.012	ug/l	100
83) tert-Butylbenzene	13.435	119	419373	57.605	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	512189	59.278	ug/l	99
85) sec-Butylbenzene	13.612	105	602451	59.707	ug/l	100
86) p-Isopropyltoluene	13.723	119	506639	55.071	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	261464	51.777	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	262771	50.203	ug/l	99
89) n-Butylbenzene	14.053	91	438573	60.587	ug/l	99
90) Hexachloroethane	14.329	117	97744	50.886	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	251636	49.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30929	45.686	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	123693	52.836	ug/l	97
94) Hexachlorobutadiene	15.494	225	62284	50.112	ug/l	98
95) Naphthalene	15.635	128	339492	48.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	118335	49.955	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085480.D
Acq On : 17 Jan 2025 09:06
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

Quant Time: Jan 17 22:29:14 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

