

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086235.D
 Acq On : 07 Apr 2025 14:21
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 08 03:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	55738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	93388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	82443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	39236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	15020	21.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	42.600%#
35) Dibromofluoromethane	8.165	113	10201	21.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	43.220%#
50) Toluene-d8	10.565	98	39245	20.087	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.180%#
62) 4-Bromofluorobenzene	12.847	95	13817	20.010	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.020%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	7295	15.076	ug/l	85
3) Chloromethane	2.359	50	8445	15.462	ug/l	94
4) Vinyl Chloride	2.518	62	8168	16.714	ug/l	96
5) Bromomethane	2.965	94	5014	20.663	ug/l	97
6) Chloroethane	3.124	64	4627	16.007	ug/l	96
7) Trichlorofluoromethane	3.501	101	11069	15.532	ug/l	91
8) Diethyl Ether	3.953	74	3703	16.888	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	6519	17.495	ug/l	94
10) Methyl Iodide	4.595	142	8247	18.775	ug/l #	97
11) Tert butyl alcohol	5.512	59	5688	89.113	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	5977	15.865	ug/l	89
13) Acrolein	4.177	56	6114	61.896	ug/l #	57
14) Allyl chloride	5.018	41	8633	16.563	ug/l	89
15) Acrylonitrile	5.724	53	16639	86.308	ug/l	99
16) Acetone	4.424	43	13289	82.264	ug/l #	87
17) Carbon Disulfide	4.706	76	20311	16.848	ug/l	98
18) Methyl Acetate	5.030	43	7604	15.317	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	19768	15.668	ug/l	100
20) Methylene Chloride	5.277	84	7571	17.717	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	6652	16.002	ug/l	96
22) Diisopropyl ether	6.671	45	17132	16.473	ug/l #	90
23) Vinyl Acetate	6.600	43	61185m	81.804	ug/l	
24) 1,1-Dichloroethane	6.571	63	12128	16.682	ug/l	92
25) 2-Butanone	7.483	43	18713	80.716	ug/l	99
26) 2,2-Dichloropropane	7.489	77	11774	16.121	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	7987	15.927	ug/l	96
28) Bromochloromethane	7.806	49	6238	18.368	ug/l #	97
29) Tetrahydrofuran	7.847	42	11690	78.837	ug/l	96
30) Chloroform	7.965	83	13163	15.880	ug/l	84
31) Cyclohexane	8.253	56	11922	18.067	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	12590	16.636	ug/l	94
36) 1,1-Dichloropropene	8.371	75	8286	16.109	ug/l	94
37) Ethyl Acetate	7.553	43	7662	16.503	ug/l	95
38) Carbon Tetrachloride	8.353	117	10793	16.236	ug/l	95
39) Methylcyclohexane	9.600	83	9914	16.105	ug/l	95
40) Benzene	8.600	78	28742	16.138	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086235.D
 Acq On : 07 Apr 2025 14:21
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 08 03:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	4614	17.941	ug/l #	94
42) 1,2-Dichloroethane	8.665	62	9891	16.742	ug/l	98
43) Isopropyl Acetate	8.688	43	15217	14.127	ug/l	97
44) Trichloroethene	9.353	130	7607	16.646	ug/l	90
45) 1,2-Dichloropropane	9.612	63	6259	15.686	ug/l #	76
46) Dibromomethane	9.706	93	4947	16.726	ug/l	90
47) Bromodichloromethane	9.883	83	10671	17.117	ug/l	99
48) Methyl methacrylate	9.677	41	5566	16.427	ug/l	98
49) 1,4-Dioxane	9.694	88	2683	335.968	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	35206	78.681	ug/l	99
52) Toluene	10.630	92	17318	16.252	ug/l	96
53) t-1,3-Dichloropropene	10.830	75	11325	17.550	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	11688	16.800	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	6989	16.792	ug/l #	82
56) Ethyl methacrylate	10.871	69	8600	16.415	ug/l	94
57) 1,3-Dichloropropane	11.159	76	11822	17.417	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	39294	140.493	ug/l	99
59) 2-Hexanone	11.188	43	26360	83.912	ug/l	95
60) Dibromochloromethane	11.359	129	7326	15.001	ug/l	98
61) 1,2-Dibromoethane	11.471	107	6486	16.764	ug/l	94
64) Tetrachloroethene	11.100	164	8257	16.988	ug/l	89
65) Chlorobenzene	11.888	112	19321	16.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	6696	15.614	ug/l	98
67) Ethyl Benzene	11.959	91	31134	16.305	ug/l	98
68) m/p-Xylenes	12.065	106	23441	32.110	ug/l	89
69) o-Xylene	12.394	106	12146	16.832	ug/l	94
70) Styrene	12.406	104	17878	16.313	ug/l	100
71) Bromoform	12.576	173	4778	15.069	ug/l #	98
73) Isopropylbenzene	12.694	105	30094	16.756	ug/l	96
74) N-amyl acetate	12.494	43	8379	15.377	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	8425	15.566	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	10029m	16.525	ug/l	
77) Bromobenzene	12.976	156	7416	15.709	ug/l	94
78) n-propylbenzene	13.029	91	33105	16.481	ug/l	96
79) 2-Chlorotoluene	13.123	91	23249	16.648	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	25170	17.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	3286m	18.323	ug/l	
82) 4-Chlorotoluene	13.218	91	23287	17.170	ug/l	99
83) tert-Butylbenzene	13.435	119	22467	17.887	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	24612	16.922	ug/l	97
85) sec-Butylbenzene	13.618	105	28891	17.428	ug/l	97
86) p-Isopropyltoluene	13.729	119	23553	17.127	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	15201	16.639	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	15791	16.898	ug/l	96
89) n-Butylbenzene	14.053	91	19233	16.643	ug/l	97
90) Hexachloroethane	14.329	117	4357	16.340	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	15133	16.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	1950	16.118	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	7731	16.579	ug/l	93
94) Hexachlorobutadiene	15.494	225	4523	17.709	ug/l	96
95) Naphthalene	15.641	128	22851	16.936	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	7687	17.136	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
Data File : VN086235.D
Acq On : 07 Apr 2025 14:21
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Apr 08 03:54:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 08 03:08:50 2025
Response via : Initial Calibration

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

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

