

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066933.D
 Acq On : 4 May 2021 13:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050421

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:32:59 PM

Quant Time: May 05 05:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	546984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	898210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	848033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	420793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	407997	47.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.78%		
35) Dibromofluoromethane	7.509	113	294343	48.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.52%		
50) Toluene-d8	10.027	98	1171491	50.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.86%		
62) 4-Bromofluorobenzene	12.345	95	442911	56.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.834	85	363463	49.20	ug/l	97
3) Chloromethane	2.035	50	503421	47.49	ug/l	99
4) Vinyl Chloride	2.161	62	489817	48.13	ug/l	99
5) Bromomethane	2.505	94	268695	49.63	ug/l	98
6) Chloroethane	2.652	64	291089	48.52	ug/l	99
7) Trichlorofluoromethane	2.969	101	588149	48.69	ug/l	99
8) Diethyl Ether	3.355	74	215513	49.67	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.690	101	303500	49.40	ug/l	94
10) Methyl Iodide	3.880	142	400620	49.47	ug/l	93
11) Tert butyl alcohol	4.704	59	307316	252.81	ug/l	100
12) 1,1-Dichloroethene	3.669	96	293518	49.08	ug/l	82
13) Acrolein	3.545	56	226135	223.59	ug/l	98
14) Allyl chloride	4.242	41	603104	50.29	ug/l	92
15) Acrylonitrile	4.892	53	903419	250.41	ug/l	98
16) Acetone	3.752	43	858575	283.48	ug/l	98
17) Carbon Disulfide	3.980	76	907520	48.97	ug/l	98
18) Methyl Acetate	4.248	43	432373	49.90	ug/l	96
19) Methyl tert-butyl Ether	4.953	73	1093618	51.02	ug/l	97
20) Methylene Chloride	4.468	84	369279	48.07	ug/l	91
21) trans-1,2-Dichloroethene	4.948	96	321531	49.44	ug/l	85
22) Diisopropyl ether	5.862	45	1214165	50.02	ug/l	95
23) Vinyl Acetate	5.803	43	5006062	257.65	ug/l	97
24) 1,1-Dichloroethane	5.752	63	678329	48.35	ug/l	98
25) 2-Butanone	6.745	43	1157092	259.11	ug/l	95
26) 2,2-Dichloropropane	6.731	77	592766	50.32	ug/l	95
27) cis-1,2-Dichloroethene	6.737	96	372195	49.93	ug/l	87
28) Bromochloromethane	7.109	49	328338	50.62	ug/l #	79
29) Tetrahydrofuran	7.126	42	734784	247.98	ug/l	95
30) Chloroform	7.289	83	650758	48.59	ug/l	99
31) Cyclohexane	7.576	56	595837	49.19	ug/l	92
32) 1,1,1-Trichloroethane	7.485	97	559596	48.44	ug/l	98
36) 1,1-Dichloropropene	7.716	75	479450	51.25	ug/l	97
37) Ethyl Acetate	6.841	43	478178	50.15	ug/l	99
38) Carbon Tetrachloride	7.697	117	486852	49.91	ug/l	99
39) Methylcyclohexane	9.014	83	577940	55.42	ug/l	93
40) Benzene	7.965	78	1489131	50.70	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066933.D
 Acq On : 4 May 2021 13:20
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050421

Manual Integrations
 APPROVED

MMDadoda
 5/5/2021 5:32:59 PM

Quant Time: May 05 05:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	191419	46.73	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	523675	49.98	ug/l	97
43) Isopropyl Acetate	8.091	43	798782	51.60	ug/l	98
44) Trichloroethene	8.770	130	330003	51.01	ug/l	94
45) 1,2-Dichloropropane	9.051	63	407725	49.70	ug/l	98
46) Dibromomethane	9.142	93	243182	50.25	ug/l	91
47) Bromodichloromethane	9.338	83	527501	50.42	ug/l	100
48) Methyl methacrylate	9.134	41	363445	52.99	ug/l	93
49) 1,4-Dioxane	9.137	88	115118	1058.83	ug/l	89
51) 4-Methyl-2-Pentanone	9.920	43	2361282	263.88	ug/l	98
52) Toluene	10.092	92	897017	51.97	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	587332	52.64	ug/l	98
54) cis-1,3-Dichloropropene	9.775	75	643783	52.27	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	345340	50.43	ug/l	95
56) Ethyl methacrylate	10.371	69	519571	48.38	ug/l	96
57) 1,3-Dichloropropane	10.647	76	626288	51.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	408798	249.27	ug/l	91
59) 2-Hexanone	10.693	43	1603508	245.81	ug/l	99
60) Dibromochloromethane	10.843	129	389471	50.79	ug/l	100
61) 1,2-Dibromoethane	10.945	107	344098	51.57	ug/l	99
64) Tetrachloroethene	10.572	164	286513	49.43	ug/l	96
65) Chlorobenzene	11.377	112	921606	50.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	351927	49.99	ug/l	99
67) Ethyl Benzene	11.454	91	1733429	54.22	ug/l	96
68) m/p-Xylenes	11.564	106	1301040	109.37	ug/l	95
69) o-Xylene	11.891	106	625650	54.34	ug/l	95
70) Styrene	11.908	104	1024543	49.89	ug/l	96
71) Bromoform	12.074	173	268979	52.88	ug/l #	100
73) Isopropylbenzene	12.195	105	1693649	51.89	ug/l	99
74) N-amyl acetate	12.026	43	323745	54.97	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.449	83	557204	48.70	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	511687m	51.04	ug/l	
77) Bromobenzene	12.468	156	387900	50.37	ug/l	82
78) n-propylbenzene	12.535	91	1992503	53.77	ug/l	97
79) 2-Chlorotoluene	12.618	91	1208749	49.81	ug/l	95
80) 1,3,5-Trimethylbenzene	12.680	105	1498580	52.62	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.245	75	150322	47.34	ug/l	99
82) 4-Chlorotoluene	12.717	91	1223835	52.39	ug/l	94
83) tert-Butylbenzene	12.937	119	1252799	52.42	ug/l	97
84) 1,2,4-Trimethylbenzene	12.986	105	1447969	53.26	ug/l	99
85) sec-Butylbenzene	13.117	105	1680681	54.16	ug/l	97
86) p-Isopropyltoluene	13.235	119	1470403	55.13	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	705965	52.85	ug/l	96
88) 1,4-Dichlorobenzene	13.308	146	723838	53.88	ug/l	97
89) n-Butylbenzene	13.560	91	1191434	49.85	ug/l	98
90) Hexachloroethane	13.814	117	288524	48.06	ug/l	99
91) 1,2-Dichlorobenzene	13.600	146	693628	51.92	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.219	75	95248	46.98	ug/l	82
93) 1,2,4-Trichlorobenzene	14.852	180	382441	54.10	ug/l	100
94) Hexachlorobutadiene	14.949	225	220871	51.05	ug/l	99
95) Naphthalene	15.072	128	1012192	54.77	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	368256	53.74	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066933.D
Acq On : 4 May 2021 13:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050421

Manual Integrations
APPROVED

MMDadoda
5/5/2021 5:32:59 PM

Quant Time: May 05 05:21:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066933.D
Acq On : 4 May 2021 13:20
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050421

Manual Integrations
APPROVED

MMDadoda
5/5/2021 5:32:59 PM

Quant Time: May 05 05:21:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

