

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052121\
 Data File : VN067159.D
 Acq On : 21 May 2021 15:11
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:52:45 PM

Quant Time: May 21 16:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 16:23:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	235547	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.525	114	445090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	388717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	139945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	64730	23.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	46.72%#		
35) Dibromofluoromethane	7.519	113	48606	16.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	33.52%#		
50) Toluene-d8	10.038	98	183168	16.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	33.30%#		
62) 4-Bromofluorobenzene	12.357	95	58666	15.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	31.50%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.855	85	58334	25.08	ug/l	99
3) Chloromethane	2.059	50	75578	26.04	ug/l	98
4) Vinyl Chloride	2.182	62	66691	23.86	ug/l	96
5) Bromomethane	2.536	94	38889	20.96	ug/l	99
6) Chloroethane	2.678	64	37406	22.82	ug/l	97
7) Trichlorofluoromethane	2.992	101	80715	22.81	ug/l	97
8) Diethyl Ether	3.373	74	36667	24.16	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.711	101	51718	22.88	ug/l	87
10) Methyl Iodide	3.901	142	71996	19.83	ug/l	93
11) Tert butyl alcohol	4.719	59	63987	130.94	ug/l	# 84
12) 1,1-Dichloroethene	3.692	96	51537	21.99	ug/l	85
13) Acrolein	3.563	56	55761	218.03	ug/l	96
14) Allyl chloride	4.263	41	113239	29.11	ug/l	# 92
15) Acrylonitrile	4.912	53	145779	136.69	ug/l	99
16) Acetone	3.770	43	132876	145.91	ug/l	97
17) Carbon Disulfide	4.000	76	160811	24.84	ug/l	100
18) Methyl Acetate	4.271	43	75115	28.16	ug/l	# 89
19) Methyl tert-butyl Ether	4.971	73	174346	24.25	ug/l	94
20) Methylene Chloride	4.483	84	63086	21.02	ug/l	# 87
21) trans-1,2-Dichloroethene	4.966	96	58090	23.27	ug/l	93
22) Diisopropyl ether	5.875	45	197696	27.91	ug/l	# 90
23) Vinyl Acetate	5.819	43	924709	147.00	ug/l	# 92
24) 1,1-Dichloroethane	5.771	63	114577	24.86	ug/l	97
25) 2-Butanone	6.758	43	217624	151.19	ug/l	# 88
26) 2,2-Dichloropropane	6.744	77	96676	23.18	ug/l	97
27) cis-1,2-Dichloroethene	6.749	96	65570	22.01	ug/l	87
28) Bromochloromethane	7.120	49	56645	28.65	ug/l	# 69
29) Tetrahydrofuran	7.136	42	143209	159.64	ug/l	# 82
30) Chloroform	7.299	83	110641	23.80	ug/l	99
31) Cyclohexane	7.586	56	101879	25.92	ug/l	88
32) 1,1,1-Trichloroethane	7.498	97	96372	23.16	ug/l	95
36) 1,1-Dichloropropene	7.723	75	81503	19.72	ug/l	96
37) Ethyl Acetate	6.851	43	92093	23.70	ug/l	96
38) Carbon Tetrachloride	7.704	117	80596	18.62	ug/l	97
39) Methylcyclohexane	9.021	83	93457	19.39	ug/l	89
40) Benzene	7.975	78	253157	20.11	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052121\
 Data File : VN067159.D
 Acq On : 21 May 2021 15:11
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:52:45 PM

Quant Time: May 21 16:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 16:23:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.109	41	43311m	27.13	ug/l	
42) 1,2-Dichloroethane	8.058	62	87159	21.33	ug/l	96
43) Isopropyl Acetate	8.101	43	156734	24.48	ug/l #	86
44) Trichloroethene	8.777	130	57776	16.83	ug/l	85
45) 1,2-Dichloropropane	9.059	63	68575	20.69	ug/l	99
46) Dibromomethane	9.153	93	41317	18.89	ug/l #	82
47) Bromodichloromethane	9.346	83	88825	19.59	ug/l	96
48) Methyl methacrylate	9.142	41	69622	25.48	ug/l #	84
49) 1,4-Dioxane	9.144	88	15792	359.55	ug/l #	77
51) 4-Methyl-2-Pentanone	9.930	43	447557	125.71	ug/l	91
52) Toluene	10.102	92	151288	18.78	ug/l	97
53) t-1,3-Dichloropropene	10.330	75	92819	19.21	ug/l	98
54) cis-1,3-Dichloropropene	9.785	75	104791	19.38	ug/l #	86
55) 1,1,2-Trichloroethane	10.510	97	59873	18.75	ug/l	99
56) Ethyl methacrylate	10.381	69	88116	19.91	ug/l #	84
57) 1,3-Dichloropropane	10.654	76	101790	19.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	56980	89.41	ug/l	92
59) 2-Hexanone	10.703	43	254361	111.66	ug/l	92
60) Dibromochloromethane	10.850	129	61666	16.83	ug/l	97
61) 1,2-Dibromoethane	10.955	107	58324	17.92	ug/l	98
64) Tetrachloroethene	10.579	164	49613	15.13	ug/l	93
65) Chlorobenzene	11.384	112	143430	16.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.459	131	54907	16.33	ug/l	99
67) Ethyl Benzene	11.462	91	272248	18.50	ug/l	95
68) m/p-Xylenes	11.574	106	198250	35.42	ug/l	89
69) o-Xylene	11.902	106	97325	17.23	ug/l	90
70) Styrene	11.920	104	149603	17.00	ug/l	94
71) Bromoform	12.081	173	38385	15.00	ug/l #	98
73) Isopropylbenzene	12.202	105	257472	21.45	ug/l	96
74) N-amyl acetate	12.071	43	3275	1.49	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.457	83	86963	23.27	ug/l	97
76) 1,2,3-Trichloropropane	12.508	75	71661m	22.94	ug/l	
77) Bromobenzene	12.481	156	52692	18.19	ug/l	71
78) n-propylbenzene	12.545	91	283467	22.95	ug/l	92
79) 2-Chlorotoluene	12.628	91	181867	22.31	ug/l	91
80) 1,3,5-Trimethylbenzene	12.687	105	209046	20.89	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.264	75	16998	18.90	ug/l	90
82) 4-Chlorotoluene	12.728	91	164889	23.08	ug/l	91
83) tert-Butylbenzene	12.948	119	175789	18.81	ug/l	90
84) 1,2,4-Trimethylbenzene	12.996	105	191420	20.77	ug/l	93
85) sec-Butylbenzene	13.125	105	240887	21.33	ug/l	94
86) p-Isopropyltoluene	13.245	119	185533	19.19	ug/l	94
87) 1,3-Dichlorobenzene	13.240	146	85640	18.24	ug/l	97
88) 1,4-Dichlorobenzene	13.318	146	86095	17.62	ug/l	97
89) n-Butylbenzene	13.575	91	143218	19.12	ug/l	95
90) Hexachloroethane	13.827	117	36587	20.55	ug/l	71
91) 1,2-Dichlorobenzene	13.610	146	85274	17.54	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.235	75	15184	26.75	ug/l	53
93) 1,2,4-Trichlorobenzene	14.873	180	36159	14.95	ug/l	94
94) Hexachlorobutadiene	14.962	225	21905	13.43	ug/l	100
95) Naphthalene	15.093	128	97487	18.65	ug/l	96
96) 1,2,3-Trichlorobenzene	15.267	180	36899	16.43	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052121\
Data File : VN067159.D
Acq On : 21 May 2021 15:11
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:52:45 PM

Quant Time: May 21 16:27:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
Quant Title : SW846 8260
QLast Update : Fri May 21 16:23:59 2021
Response via : Initial Calibration

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

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

