

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080921.D
 Acq On : 06 Feb 2024 16:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:30:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	525969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1139753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	973836	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	420215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114879	17.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	34.620%	#	
35) Dibromofluoromethane	8.165	113	104501	17.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	34.180%	#	
50) Toluene-d8	10.571	98	424561	19.192	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.380%	#	
62) 4-Bromofluorobenzene	12.853	95	148896	18.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.060%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	109455	18.368	ug/l	87
3) Chloromethane	2.359	50	124526	19.325	ug/l	99
4) Vinyl Chloride	2.512	62	142799	18.349	ug/l	# 89
5) Bromomethane	2.948	94	96887	19.352	ug/l	92
6) Chloroethane	3.112	64	101141	18.376	ug/l	96
7) Trichlorofluoromethane	3.495	101	189204	18.568	ug/l	90
8) Diethyl Ether	3.959	74	67199	18.458	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	99957	17.438	ug/l	# 89
10) Methyl Iodide	4.583	142	101385	18.289	ug/l	98
11) Tert butyl alcohol	5.518	59	85651	93.690	ug/l	# 85
12) 1,1-Dichloroethene	4.342	96	100888	17.891	ug/l	87
13) Acrolein	4.171	56	104034	90.289	ug/l	99
14) Allyl chloride	5.024	41	148408	19.863	ug/l	# 96
15) Acrylonitrile	5.718	53	237777	95.152	ug/l	97
16) Acetone	4.424	43	206382	94.543	ug/l	92
17) Carbon Disulfide	4.706	76	260665	18.327	ug/l	# 94
18) Methyl Acetate	5.018	43	166654	24.294	ug/l	# 86
19) Methyl tert-butyl Ether	5.795	73	347702	18.511	ug/l	93
20) Methylene Chloride	5.277	84	116051	17.547	ug/l	# 84
21) trans-1,2-Dichloroethene	5.777	96	117115	18.502	ug/l	91
22) Diisopropyl ether	6.671	45	321135	18.543	ug/l	# 92
23) Vinyl Acetate	6.600	43	954094	83.606	ug/l	# 91
24) 1,1-Dichloroethane	6.565	63	200230	17.753	ug/l	# 90
25) 2-Butanone	7.483	43	349309	99.694	ug/l	# 82
26) 2,2-Dichloropropane	7.494	77	189169	18.342	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	135686	18.447	ug/l	85
28) Bromochloromethane	7.824	49	81437	17.353	ug/l	# 43
29) Tetrahydrofuran	7.841	42	224188	104.653	ug/l	# 77
30) Chloroform	7.965	83	258619	20.749	ug/l	98
31) Cyclohexane	8.265	56	182887	20.168	ug/l	# 84
32) 1,1,1-Trichloroethane	8.165	97	218399	20.222	ug/l	# 89
36) 1,1-Dichloropropene	8.371	75	179845	19.767	ug/l	94
37) Ethyl Acetate	7.559	43	127055	18.455	ug/l	98
38) Carbon Tetrachloride	8.365	117	197440	21.169	ug/l	96
39) Methylcyclohexane	9.600	83	212987	21.003	ug/l	# 87
40) Benzene	8.606	78	524188	18.927	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080921.D
 Acq On : 06 Feb 2024 16:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:30:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	69821	17.018	ug/l	94
42) 1,2-Dichloroethane	8.671	62	172728	17.912	ug/l	95
43) Isopropyl Acetate	8.688	43	243332	19.221	ug/l #	89
44) Trichloroethene	9.353	130	178596	21.230	ug/l	94
45) 1,2-Dichloropropane	9.624	63	153846	20.588	ug/l	100
46) Dibromomethane	9.712	93	111810	20.235	ug/l #	84
47) Bromodichloromethane	9.888	83	227095	21.012	ug/l #	94
48) Methyl methacrylate	9.683	41	164055	23.001	ug/l	88
49) 1,4-Dioxane	9.694	88	53714	407.860	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	830828	108.900	ug/l	92
52) Toluene	10.630	92	396167	21.356	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	234557	22.428	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	257570	21.941	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	158578	22.117	ug/l	92
56) Ethyl methacrylate	10.871	69	162400	18.934	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	263334	22.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	541105	103.915	ug/l #	82
59) 2-Hexanone	11.200	43	710511	122.874	ug/l	90
60) Dibromochloromethane	11.359	129	168047	22.938	ug/l	98
61) 1,2-Dibromoethane	11.471	107	161288	22.551	ug/l	96
64) Tetrachloroethene	11.106	164	159609	21.714	ug/l	92
65) Chlorobenzene	11.894	112	430739	21.105	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	158279	21.491	ug/l	96
67) Ethyl Benzene	11.965	91	743227	21.140	ug/l	95
68) m/p-Xylenes	12.071	106	561167	42.013	ug/l	94
69) o-Xylene	12.400	106	272422	21.019	ug/l	92
70) Styrene	12.412	104	398896	20.507	ug/l	95
71) Bromoform	12.582	173	108879	22.073	ug/l #	96
73) Isopropylbenzene	12.700	105	690935	21.142	ug/l	98
74) N-amyl acetate	12.494	43	236631	20.087	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	204515	20.117	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	177110m	19.814	ug/l	
77) Bromobenzene	12.982	156	175183	21.245	ug/l	64
78) n-propylbenzene	13.035	91	767303	20.796	ug/l	94
79) 2-Chlorotoluene	13.123	91	473239	20.295	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	560369	21.096	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	59356	18.822	ug/l #	79
82) 4-Chlorotoluene	13.223	91	465898	20.026	ug/l	91
83) tert-Butylbenzene	13.441	119	474922	20.975	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	563571	21.302	ug/l	94
85) sec-Butylbenzene	13.618	105	624395	20.522	ug/l	93
86) p-Isopropyltoluene	13.729	119	551081	21.432	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	303949	20.697	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	309317	20.756	ug/l	96
89) n-Butylbenzene	14.059	91	462636	20.368	ug/l	97
90) Hexachloroethane	14.335	117	88119	21.734	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	296854	21.099	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35883	18.870	ug/l	64
93) 1,2,4-Trichlorobenzene	15.394	180	109186	15.688	ug/l	99
94) Hexachlorobutadiene	15.506	225	48638	16.120	ug/l	98
95) Naphthalene	15.641	128	376815	16.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107989	15.763	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
Data File : VN080921.D
Acq On : 06 Feb 2024 16:33
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:30:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 05:25:05 2024
Response via : Initial Calibration

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

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

