

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077247.D
 Acq On : 31 Mar 2023 11:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 31 23:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	596957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	910962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	810817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	373483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	132567	21.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	43.140%#		
35) Dibromofluoromethane	8.172	113	114957	21.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.900%#		
50) Toluene-d8	10.566	98	436656	21.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.960%#		
62) 4-Bromofluorobenzene	12.848	95	143727	21.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	59779	19.595	ug/l	98
3) Chloromethane	2.372	50	69639	17.689	ug/l	98
4) Vinyl Chloride	2.525	62	81233	18.933	ug/l	93
5) Bromomethane	2.972	94	58438	18.945	ug/l	89
6) Chloroethane	3.131	64	71852	20.028	ug/l	100
7) Trichlorofluoromethane	3.513	101	190665	19.616	ug/l	99
8) Diethyl Ether	3.972	74	73919	19.747	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	117034	20.167	ug/l	98
10) Methyl Iodide	4.601	142	144911	20.364	ug/l	99
11) Tert butyl alcohol	5.525	59	99362	99.646	ug/l	99
12) 1,1-Dichloroethene	4.354	96	104864	19.541	ug/l	99
13) Acrolein	4.190	56	92715	87.625	ug/l	99
14) Allyl chloride	5.037	41	185449	19.938	ug/l	98
15) Acrylonitrile	5.725	53	333951	101.854	ug/l	99
16) Acetone	4.437	43	300960	98.492	ug/l	96
17) Carbon Disulfide	4.719	76	268389	18.786	ug/l	99
18) Methyl Acetate	5.037	43	218233	18.990	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	365883	20.375	ug/l	100
20) Methylene Chloride	5.290	84	130870	19.133	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	116418	19.840	ug/l	96
22) Diisopropyl ether	6.678	45	407450	20.714	ug/l	97
23) Vinyl Acetate	6.613	43	1221560	103.490	ug/l	98
24) 1,1-Dichloroethane	6.578	63	228151	19.745	ug/l	98
25) 2-Butanone	7.489	43	439158	101.103	ug/l	99
26) 2,2-Dichloropropane	7.495	77	172306	20.156	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	137765	19.631	ug/l	99
28) Bromochloromethane	7.819	49	96766	19.191	ug/l	99
29) Tetrahydrofuran	7.842	42	288705	105.712	ug/l	99
30) Chloroform	7.972	83	224373	19.713	ug/l	98
31) Cyclohexane	8.260	56	209063	19.287	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	189308	19.716	ug/l	98
36) 1,1-Dichloropropene	8.378	75	162648	19.709	ug/l	98
37) Ethyl Acetate	7.566	43	175644	21.214	ug/l	98
38) Carbon Tetrachloride	8.366	117	167865	19.837	ug/l	98
39) Methylcyclohexane	9.601	83	204918	20.246	ug/l	94
40) Benzene	8.613	78	521555	20.130	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077247.D
 Acq On : 31 Mar 2023 11:33
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 23:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 22:50:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	90953m	19.621	ug/l	
42) 1,2-Dichloroethane	8.672	62	173236	20.434	ug/l	99
43) Isopropyl Acetate	8.689	43	265485	20.440	ug/l	98
44) Trichloroethene	9.354	130	131856	19.669	ug/l	97
45) 1,2-Dichloropropane	9.625	63	136085	19.744	ug/l	98
46) Dibromomethane	9.713	93	87733	20.022	ug/l	98
47) Bromodichloromethane	9.889	83	175030	20.287	ug/l	95
48) Methyl methacrylate	9.683	41	127822	20.403	ug/l	98
49) 1,4-Dioxane	9.701	88	50879	426.906	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	863968	105.055	ug/l	99
52) Toluene	10.630	92	321250	20.498	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	177587	20.868	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	203976	20.632	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	127463	19.662	ug/l	98
56) Ethyl methacrylate	10.878	69	188771	21.035	ug/l	98
57) 1,3-Dichloropropane	11.166	76	223449	20.291	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	317554	102.366	ug/l	100
59) 2-Hexanone	11.195	43	629863	105.535	ug/l	98
60) Dibromochloromethane	11.360	129	134797	20.013	ug/l	98
61) 1,2-Dibromoethane	11.472	107	127347	20.233	ug/l	100
64) Tetrachloroethene	11.107	164	115620	19.475	ug/l	96
65) Chlorobenzene	11.895	112	340923	19.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	129868	19.796	ug/l	98
67) Ethyl Benzene	11.966	91	594793	20.609	ug/l	98
68) m/p-Xylenes	12.072	106	465220	41.445	ug/l	100
69) o-Xylene	12.401	106	225121	20.798	ug/l	98
70) Styrene	12.413	104	363794	21.110	ug/l	100
71) Bromoform	12.577	173	102974	19.997	ug/l #	100
73) Isopropylbenzene	12.701	105	581767	20.889	ug/l	100
74) N-amyl acetate	12.495	43	214411	20.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	189816	19.597	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	162084m	20.601	ug/l	
77) Bromobenzene	12.983	156	147561	19.786	ug/l	99
78) n-propylbenzene	13.036	91	651523	21.213	ug/l	99
79) 2-Chlorotoluene	13.130	91	406915	20.597	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	482052	21.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	60848	23.423	ug/l	91
82) 4-Chlorotoluene	13.224	91	385122	20.746	ug/l	100
83) tert-Butylbenzene	13.442	119	430697	21.116	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	481604	22.028	ug/l	100
85) sec-Butylbenzene	13.619	105	587563	21.336	ug/l	99
86) p-Isopropyltoluene	13.730	119	486300	21.651	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	264280	20.197	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	257897	19.976	ug/l	99
89) n-Butylbenzene	14.060	91	373796	20.778	ug/l	99
90) Hexachloroethane	14.336	117	90492	19.367	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	263479	20.501	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32720	20.221	ug/l	100
93) 1,2,4-Trichlorobenzene	15.371	180	107464	21.489	ug/l	98
94) Hexachlorobutadiene	15.465	225	84499	19.751	ug/l	98
95) Naphthalene	15.589	128	307083	23.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	106263	21.638	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
Data File : VN077247.D
Acq On : 31 Mar 2023 11:33
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 23:20:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 31 22:50:34 2023
Response via : Initial Calibration

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

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

