Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062525.D
Acq On : 14 Jul 2020 14:15
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Quant Time: Jul 15 01:07:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.15	128	43488	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.54	114	246885	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.38	117	226427	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	7.98	65	110539	29.59	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 98.63%				
60) 4-Bromofluorobenzene	12.37	95	113066	29.34	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.80%				
63) Toluene-d8	10.06	98	321752	30.07	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.23%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	51576	20.094	ug/l		95
3) Chloromethane	2.04	50	72300	19.507	ug/l		98
4) Vinyl Chloride	2.16	62	64985	20.058	ug/l		99
5) Bromomethane	2.54	94	31575	19.645	ug/l		94
6) Chloroethane	2.67	64	27209	17.060	ug/l		91
7) Trichlorofluoromethane	2.98	101	74129	19.522	ug/l		96
8) Diethyl Ether	3.37	74	34816	19.073	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49410	20.129	ug/l		99
10) 1,1-Dichloroethene	3.69	96	49284	19.680	ug/l		98
11) Methyl Iodide	3.91	142	59356	19.355	ug/l		97
12) Methyl Acetate	4.27	43	60586	18.039	ug/l		99
13) Acrolein	3.56	56	43793	87.272	ug/l		97
14) Acrylonitrile	4.92	53	138096	88.409	ug/l		99
15) Acetone	3.77	58	39030	81.397	ug/l		97
16) Carbon Disulfide	4.01	76	156928	19.229	ug/l		99
17) Allyl chloride	4.27	41	107444	20.174	ug/l		97
18) Methylene Chloride	4.50	84	60191	19.534	ug/l		95
19) trans-1,2-Dichloroethene	4.99	96	53510	19.306	ug/l		98
20) Diisopropyl ether	5.90	45	216708	19.793	ug/l		97
21) 1,1-Dichloroethane	5.79	63	112760	19.480	ug/l		99
22) cis-1,2-Dichloroethene	6.77	96	61549	19.691	ug/l		99
23) tert-Butyl Alcohol	4.72	59	45542	87.121	ug/l	#	100
24) Methyl tert-Butyl Ether	4.98	73	173568	18.799	ug/l	#	55
25) Chloroform	7.32	83	105217	19.821	ug/l		98
26) Cyclohexane	7.61	56	100977	19.792	ug/l	#	97
29) 1,1-Dichloropropene	7.75	75	81582	19.481	ug/l		99
30) 2-Butanone	6.78	43	186999	84.198	ug/l		98
31) 2,2-Dichloropropane	6.77	77	91500	19.377	ug/l	#	72
32) 1,1,1-Trichloroethane	7.52	97	88043	19.561	ug/l		98
33) Carbon Tetrachloride	7.72	117	76976	19.729	ug/l		98
34) Benzene	8.00	78	242165	19.464	ug/l		98
35) Methacrylonitrile	7.12	41	33600	17.223	ug/l		96
36) 1,2-Dichloroethane	8.08	62	86620	19.371	ug/l		100
37) Trichloroethene	8.80	130	55608	19.899	ug/l		98
38) Methylcyclohexane	9.04	83	90659	19.298	ug/l		99
39) 1,2-Dichloropropane	9.08	63	70870	19.995	ug/l		100
40) Dibromomethane	9.17	93	39446	19.311	ug/l		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062525.D
Acq On : 14 Jul 2020 14:15
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Quant Time: Jul 15 01:07:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Bromodichloromethane	9.36	83	84215	19.437 ug/l	100
42) Vinyl Acetate	5.83	43	874553	94.761 ug/l	100
43) Ethyl Acetate	6.88	43	80148	17.950 ug/l	97
44) Isopropyl Acetate	8.12	43	134776	17.990 ug/l	96
45) 1,4-Dioxane	9.16	88	18785	366.557 ug/l	98
46) Methyl methacrylate	9.16	41	64283	18.087 ug/l	98
47) n-amyl Acetate	12.04	43	111038	17.583 ug/l	98
48) t-1,3-Dichloropropene	10.35	75	93443	18.491 ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	104802	19.212 ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	54810	19.142 ug/l	99
51) Ethyl methacrylate	10.40	69	86222	17.885 ug/l	97
52) 1,3-Dichloropropane	10.67	76	102263	19.460 ug/l	98
53) Dibromochloromethane	10.87	129	59833	19.180 ug/l	98
54) 1,2-Dibromoethane	10.98	107	55437	18.916 ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	133527	86.721 ug/l	100
56) Bromoform	12.10	173	39517	18.546 ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	395168	89.576 ug/l	100
59) 2-Hexanone	10.72	43	276408	85.432 ug/l	99
61) Tetrachloroethene	10.60	164	47664	20.556 ug/l	95
62) Toluene	10.12	91	255945	19.925 ug/l	99
64) Chlorobenzene	11.40	112	147365	19.524 ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	54603	19.543 ug/l	98
66) Ethyl Benzene	11.48	91	275067	19.337 ug/l	99
67) m/p-Xylenes	11.59	106	203056	39.329 ug/l	99
68) o-Xylene	11.92	106	95500	19.274 ug/l	99
69) Styrene	11.94	104	160137	19.042 ug/l	99
70) Isopropylbenzene	12.22	105	260644	19.596 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	79192	18.422 ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	72468m	17.331 ug/l	
73) Bromobenzene	12.50	156	58588	19.019 ug/l	98
74) n-propylbenzene	12.56	91	309301	19.563 ug/l	100
75) 2-Chlorotoluene	12.65	91	184983	19.433 ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	217999	19.235 ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	26727	17.090 ug/l	96
78) 4-Chlorotoluene	12.74	91	187050	19.257 ug/l	99
79) tert-butylbenzene	12.97	119	181395	19.329 ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	214893	19.279 ug/l	100
81) sec-Butylbenzene	13.15	105	244685	19.415 ug/l	100
82) p-Isopropyltoluene	13.26	119	212971	19.149 ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	104454	19.525 ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	101426	19.214 ug/l	99
85) n-Butylbenzene	13.59	91	176392	18.489 ug/l	100
86) Hexachloroethane	13.85	117	39745	18.520 ug/l	97
87) 1,2-Dichlorobenzene	13.62	146	99258	19.295 ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	13652	16.816 ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	46957	18.336 ug/l	98
90) Hexachlorobutadiene	14.98	225	28076	19.766 ug/l	96
91) Naphthalene	15.10	128	116138	16.726 ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	46413	17.982 ug/l	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062525.D
Acq On : 14 Jul 2020 14:15
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Quant Time: Jul 15 01:07:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062525.D
Acq On : 14 Jul 2020 14:15
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020EC

Quant Time: Jul 15 01:07:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Jul 14 00:52:57 2020
Response via : Initial Calibration