Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062524.D
Acq On : 14 Jul 2020 12:00
Operator : JC/MD
Sample : VN0714WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0714WBSD01

Quant Time: Jul 15 01:05:56 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	44862	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	239638	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	218758	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.99	65	111831	29.02	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.73%			
60) 4-Bromofluorobenzene	12.37	95	109825	29.50	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 98.33%			
63) Toluene-d8	10.06	98	313447	30.32	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.07%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	40657	15.355	ug/l	95
3) Chloromethane	2.04	50	60044	15.704	ug/l	98
4) Vinyl Chloride	2.16	62	51228	15.328	ug/l	95
5) Bromomethane	2.53	94	23590	14.228	ug/l	96
6) Chloroethane	2.67	64	25041	15.220	ug/l	97
7) Trichlorofluoromethane	2.99	101	61142	15.609	ug/l	99
8) Diethyl Ether	3.37	74	29353	15.588	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38239	15.101	ug/l	98
10) 1,1-Dichloroethene	3.70	96	40255	15.582	ug/l	91
11) Methyl Iodide	3.91	142	51130	16.162	ug/l	97
12) Methyl Acetate	4.28	43	57894	16.710	ug/l	98
13) Acrolein	3.57	56	48289	93.284	ug/l	94
14) Acrylonitrile	4.93	53	132640	82.315	ug/l	97
15) Acetone	3.77	58	33955	68.644	ug/l	93
16) Carbon Disulfide	4.01	76	127344	15.126	ug/l	99
17) Allyl chloride	4.28	41	88076	16.031	ug/l	98
18) Methylene Chloride	4.50	84	51417	16.175	ug/l	96
19) trans-1,2-Dichloroethene	4.99	96	43898	15.353	ug/l	95
20) Diisopropyl ether	5.90	45	183774	16.271	ug/l	98
21) 1,1-Dichloroethane	5.80	63	95105	15.927	ug/l	98
22) cis-1,2-Dichloroethene	6.79	96	51647	16.017	ug/l	98
23) tert-Butyl Alcohol	4.73	59	46127	85.538	ug/l #	100
24) Methyl tert-Butyl Ether	5.00	73	150105	15.760	ug/l	99
25) Chloroform	7.33	83	87887	16.049	ug/l	99
26) Cyclohexane	7.61	56	77820	14.786	ug/l #	98
29) 1,1-Dichloropropene	7.75	75	63813	15.699	ug/l	99
30) 2-Butanone	6.79	43	178613	82.854	ug/l	98
31) 2,2-Dichloropropane	6.78	77	72649	15.851	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	72371	16.565	ug/l	99
33) Carbon Tetrachloride	7.73	117	61803	16.319	ug/l	98
34) Benzene	8.00	78	202249	16.748	ug/l	98
35) Methacrylonitrile	7.12	41	28968	15.298	ug/l	97
36) 1,2-Dichloroethane	8.09	62	73806	17.004	ug/l	99
37) Trichloroethene	8.80	130	45054	16.610	ug/l	99
38) Methylcyclohexane	9.05	83	69380	15.215	ug/l	99
39) 1,2-Dichloropropane	9.09	63	58498	17.003	ug/l	96
40) Dibromomethane	9.18	93	33898	17.096	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062524.D
Acq On : 14 Jul 2020 12:00
Operator : JC/MD
Sample : VN0714WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0714WBSD01

Quant Time: Jul 15 01:05:56 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	9.37	83	71134	16.915 ug/l	95
42) Vinyl Acetate	5.84	43	766519	85.567 ug/l #	89
43) Ethyl Acetate	6.88	43	77302	17.836 ug/l	94
44) Isopropyl Acetate	8.13	43	123192	16.941 ug/l	98
45) 1,4-Dioxane	9.17	88	18080	363.470 ug/l	96
46) Methyl methacrylate	9.17	41	57912	16.787 ug/l	98
47) n-amyl Acetate	12.05	43	98418	16.056 ug/l	97
48) t-1,3-Dichloropropene	10.35	75	77561	15.812 ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	86430	16.323 ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	48875	17.586 ug/l	96
51) Ethyl methacrylate	10.40	69	76278	16.301 ug/l	99
52) 1,3-Dichloropropane	10.68	76	86613	16.980 ug/l	99
53) Dibromochloromethane	10.87	129	50135	16.557 ug/l	99
54) 1,2-Dibromoethane	10.98	107	48009	16.877 ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	120238	80.451 ug/l	99
56) Bromoform	12.10	173	34502	16.682 ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	370674	86.970 ug/l	99
59) 2-Hexanone	10.72	43	261994	83.816 ug/l	99
61) Tetrachloroethene	10.60	164	38619	17.239 ug/l	98
62) Toluene	10.12	91	207106	16.688 ug/l	100
64) Chlorobenzene	11.41	112	120941	16.584 ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	46414	17.195 ug/l	97
66) Ethyl Benzene	11.48	91	221164	16.093 ug/l	99
67) m/p-Xylenes	11.60	106	158154	31.706 ug/l	99
68) o-Xylene	11.92	106	78413	16.380 ug/l	98
69) Styrene	11.94	104	130089	16.011 ug/l	99
70) Isopropylbenzene	12.22	105	205006	15.953 ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	71841	17.298 ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	68088m	16.854 ug/l	
73) Bromobenzene	12.50	156	48373	16.254 ug/l	99
74) n-propylbenzene	12.57	91	240298	15.731 ug/l	99
75) 2-Chlorotoluene	12.65	91	146858	15.968 ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	172617	15.765 ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	23447	15.518 ug/l	97
78) 4-Chlorotoluene	12.75	91	147253	15.691 ug/l	99
79) tert-butylbenzene	12.97	119	144755	15.966 ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	170514	15.834 ug/l	100
81) sec-Butylbenzene	13.15	105	189597	15.571 ug/l	99
82) p-Isopropyltoluene	13.26	119	163233	15.191 ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	81005	15.673 ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	78597	15.411 ug/l	99
85) n-Butylbenzene	13.59	91	131041	14.217 ug/l	99
86) Hexachloroethane	13.85	117	31782	15.328 ug/l	98
87) 1,2-Dichlorobenzene	13.63	146	80879	16.273 ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	13014	16.592 ug/l	96
89) 1,2,4-Trichlorobenzene	14.88	180	35862	14.494 ug/l	97
90) Hexachlorobutadiene	14.98	225	22083	16.092 ug/l	98
91) Naphthalene	15.10	128	96647	14.407 ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	37856	15.181 ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062524.D
Acq On : 14 Jul 2020 12:00
Operator : JC/MD
Sample : VN0714WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0714WBSD01

Quant Time: Jul 15 01:05:56 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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071420\
Data File : VN062524.D
Acq On : 14 Jul 2020 12:00
Operator : JC/MD
Sample : VN0714WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0714WBSD01

Quant Time: Jul 15 01:05:56 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