Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030620\
Data File : VX015122.D
Acq On : 06 Mar 2020 13:24
Operator : JC/SP
Sample : L1161-07 2.5PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
MMDadoda
3/9/2020 9:36:39 AM

Quant Time: Mar 07 00:59:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.01	128	60904	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	318779	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	294249	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	129897	30.67	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.23%				
60) 4-Bromofluorobenzene	11.13	95	130630	28.50	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.00%				
63) Toluene-d8	8.71	98	388994	30.31	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.03%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	7634	2.807	ug/l		95
3) Chloromethane	1.32	50	11598	3.298	ug/l		95
4) Vinyl Chloride	1.40	62	11894	3.143	ug/l		94
5) Bromomethane	1.64	94	8075	3.047	ug/l		97
6) Chloroethane	1.72	64	6899	2.721	ug/l		97
7) Trichlorofluoromethane	1.93	101	13701	2.487	ug/l		94
8) Diethyl Ether	2.18	74	6433	2.776	ug/l		92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9122	2.864	ug/l		99
10) 1,1-Dichloroethene	2.37	96	9213	2.878	ug/l		92
11) Methyl Iodide	2.50	142	8043	2.068	ug/l		99
12) Methyl Acetate	2.76	43	12323m	3.093	ug/l		
13) Acrolein	2.28	56	9966	12.578	ug/l		100
14) Acrylonitrile	3.13	53	23374	12.991	ug/l		96
15) Acetone	2.44	58	6953	10.798	ug/l		96
16) Carbon Disulfide	2.56	76	25316	2.941	ug/l	#	94
17) Allyl chloride	2.72	41	14029	2.519	ug/l		94
18) Methylene Chloride	2.85	84	10378	2.813	ug/l		89
19) trans-1,2-Dichloroethene	3.16	96	9830	2.795	ug/l		93
20) Diisopropyl ether	3.84	45	28420	2.499	ug/l		91
21) 1,1-Dichloroethane	3.69	63	17884	2.868	ug/l		97
22) cis-1,2-Dichloroethene	4.59	96	10846	2.695	ug/l		98
23) tert-Butyl Alcohol	3.03	59	12307	17.255	ug/l	#	100
24) Methyl tert-Butyl Ether	3.19	73	27316	2.564	ug/l		98
25) Chloroform	5.20	83	16438	2.614	ug/l		84
26) Cyclohexane	5.58	56	14010	2.514	ug/l	#	96
29) 1,1-Dichloropropene	5.79	75	11827	2.623	ug/l		95
30) 2-Butanone	4.67	43	30468	11.707	ug/l	#	98
31) 2,2-Dichloropropane	4.57	77	13285	2.683	ug/l		98
32) 1,1,1-Trichloroethane	5.48	97	12889	2.517	ug/l	#	84
33) Carbon Tetrachloride	5.78	117	12213	2.725	ug/l		97
34) Benzene	6.14	78	37715	2.772	ug/l		95
35) Methacrylonitrile	5.03	41	6108	2.301	ug/l		80
36) 1,2-Dichloroethane	6.18	62	13277	2.757	ug/l	#	83
37) Trichloroethene	7.21	130	10243	2.681	ug/l		98
38) Methylcyclohexane	7.45	83	13423	2.402	ug/l		92
39) 1,2-Dichloropropane	7.51	63	9910	2.830	ug/l		98
40) Dibromomethane	7.65	93	6661	2.848	ug/l		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030620\
Data File : VX015122.D
Acq On : 06 Mar 2020 13:24
Operator : JC/SP
Sample : L1161-07 2.5PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
MMDadoda
3/9/2020 9:36:39 AM

Quant Time: Mar 07 00:59:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Bromodichloromethane	7.89	83	12335	2.670 ug/l #	97
42) Vinyl Acetate	3.81	43	113911	12.435 ug/l	100
43) Ethyl Acetate	4.83	43	10699	2.272 ug/l	95
44) Isopropyl Acetate	6.43	43	18645	2.355 ug/l	97
45) 1,4-Dioxane	7.74	88	2826	38.634 ug/l #	42
46) Methyl methacrylate	7.76	41	10566	2.698 ug/l	81
47) n-amyl Acetate	10.89	43	13886	2.025 ug/l	94
48) t-1,3-Dichloropropene	9.03	75	12286	2.397 ug/l	94
49) cis-1,3-Dichloropropene	8.43	75	13123	2.326 ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	9760	2.801 ug/l	96
51) Ethyl methacrylate	9.17	69	11644	2.165 ug/l	97
52) 1,3-Dichloropropane	9.37	76	16962	2.878 ug/l	99
53) Dibromochloromethane	9.57	129	9284	2.465 ug/l	99
54) 1,2-Dibromoethane	9.67	107	9855	2.664 ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	31347	10.944 ug/l	98
56) Bromoform	10.85	173	6355	2.152 ug/l	92
58) 4-Methyl-2-Pentanone	8.64	43	58427	12.116 ug/l	99
59) 2-Hexanone	9.49	43	41679	11.062 ug/l	96
61) Tetrachloroethene	9.33	164	11157	2.823 ug/l	94
62) Toluene	8.78	91	40171	2.665 ug/l	97
64) Chlorobenzene	10.14	112	25954	2.698 ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	9464	2.656 ug/l	98
66) Ethyl Benzene	10.25	91	39083	2.354 ug/l	96
67) m/p-Xylenes	10.35	106	30497	4.764 ug/l	99
68) o-Xylene	10.70	106	14310	2.310 ug/l	95
69) Styrene	10.71	104	23708	2.241 ug/l	98
70) Isopropylbenzene	11.01	105	38249	2.325 ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.26	83	13947	2.633 ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	11656m	2.652 ug/l	
73) Bromobenzene	11.25	156	12142	2.731 ug/l	98
74) n-propylbenzene	11.35	91	44689	2.386 ug/l	99
75) 2-Chlorotoluene	11.42	91	28268	2.554 ug/l	94
76) 1,3,5-Trimethylbenzene	11.50	105	31491	2.284 ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	3792	2.140 ug/l	81
78) 4-Chlorotoluene	11.51	91	32462	2.536 ug/l	99
79) tert-butylbenzene	11.76	119	31343	2.353 ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	31291	2.282 ug/l	97
81) sec-Butylbenzene	11.94	105	36688	2.299 ug/l	97
82) p-Isopropyltoluene	12.06	119	33137	2.236 ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	20351	2.611 ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	20252	2.580 ug/l	98
85) n-Butylbenzene	12.39	91	28347	2.198 ug/l	99
86) Hexachloroethane	12.59	117	6007	2.242 ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	19768	2.549 ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	2613	2.265 ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	13614	2.441 ug/l	97
90) Hexachlorobutadiene	13.78	225	7106	2.565 ug/l	99
91) Naphthalene	13.83	128	32621	2.066 ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	13814	2.495 ug/l	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030620\
Data File : VX015122.D
Acq On : 06 Mar 2020 13:24
Operator : JC/SP
Sample : L1161-07 2.5PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
MMDadoda
3/9/2020 9:36:39 AM

Quant Time: Mar 07 00:59:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 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_X\DATA\VX030620\
Data File : VX015122.D
Acq On : 06 Mar 2020 13:24
Operator : JC/SP
Sample : L1161-07 2.5PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 00:59:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
MMDadoda
3/9/2020 9:36:39 AM