Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050721\
Data File : VL036916.D
Acq On : 7 May 2021 13:02
Operator : SY/AP
Sample : M2262-15 0.4
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2021

Manual Integrations APPROVED
MMDadoda
5/10/2021 3:34:30 PM

Quant Time: May 08 18:56:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1289343	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.18	114	3072185	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.09	117	2698477	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2266412	10.46	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	120152	0.592	ppbv		94
3) Chlorodifluoromethane	2.99	51	127508	0.543	ppbv		99
4) Chloromethane	3.15	50	39819	0.516	ppbv	#	81
5) Vinyl Chloride	3.27	62	38846	0.499	ppbv		100
6) Bromomethane	3.48	94	21396m	0.511	ppbv		
7) Chloroethane	3.56	64	12504	0.489	ppbv		98
8) Dichlorotetrafluoroethane	3.19	85	104672	0.565	ppbv		98
9) Propene	3.02	41	32645m	0.456	ppbv		
10) Heptane	8.13	43	54293m	0.302	ppbv		
11) Trichlorofluoromethane	3.96	101	93601	0.516	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	61086m	0.504	ppbv		
13) Ethanol	3.65	45	5198m	0.570	ppbv		
14) Bromoethene	3.75	108	21873	0.441	ppbv	#	90
15) Acetone	3.88	43	76652m	0.631	ppbv		
16) 1,3-Butadiene	3.33	39	38247m	0.492	ppbv		
17) tert-Butyl alcohol	4.36	59	47721m	0.484	ppbv		
18) 1,1-Dichloroethene	4.30	96	24667m	0.468	ppbv		
19) Isopropyl Alcohol	4.01	45	32785m	0.544	ppbv		
20) Methylene Chloride	4.35	84	32323m	0.556	ppbv		
21) Allyl Chloride	4.42	41	43262m	0.479	ppbv		
22) trans-1,2-Dichloroethene	4.90	96	23493m	0.444	ppbv		
23) Vinyl Acetate	5.10	43	62672m	0.379	ppbv		
24) 1,1-Dichloroethane	5.02	63	77220m	0.658	ppbv		
25) Ethyl Acetate	5.70	43	112262	0.378	ppbv	#	94
26) Hexane	5.69	57	53320m	0.384	ppbv		
27) Carbon Disulfide	4.56	76	55340m	0.459	ppbv		
28) Methyl tert-Butyl Ether	5.06	73	57101m	0.464	ppbv		
29) Chloroform	5.75	83	112066	0.518	ppbv		97
30) Cyclohexane	7.14	84	55408m	0.503	ppbv		
31) cis-1,2-Dichloroethene	5.55	61	39138	0.314	ppbv	#	87
32) 1,1,1-Trichloroethane	6.52	97	102424	0.465	ppbv		94
34) 2-Butanone	5.28	43	58364m	0.434	ppbv		
35) Carbon Tetrachloride	7.02	117	113124m	0.543	ppbv		
36) Benzene	6.90	78	85967m	0.332	ppbv		
37) 1,2-Dichloroethane	6.31	62	69670m	0.475	ppbv		
38) Trichloroethene	7.84	130	37285m	0.405	ppbv		
39) 1,2-Dichloropropane	7.63	63	45803	0.442	ppbv	#	84
40) 1,4-Dioxane	7.90	88	12704m	0.507	ppbv		
41) Tetrahydrofuran	6.10	42	16415m	0.279	ppbv		
42) Bromodichloromethane	7.80	83	94879	0.466	ppbv		95
43) Methyl Methacrylate	8.04	69	21629m	0.256	ppbv		

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050721\
Data File : VL036916.D
Acq On : 7 May 2021 13:02
Operator : SY/AP
Sample : M2262-15 0.4
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2021

Manual Integrations APPROVED
MMDadoda
5/10/2021 3:34:30 PM

Quant Time: May 08 18:56:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	160427m	0.362	ppbv		
45) t-1,3-Dichloropropene	9.29	75	24136	0.265	ppbv		89
46) cis-1,3-Dichloropropene	8.72	75	33393m	0.286	ppbv		
47) 1,1,2-Trichloroethane	9.48	97	49676m	0.463	ppbv		
48) Dibromochloromethane	10.31	129	62537	0.393	ppbv		97
49) Bromoform	13.05	173	54120m	0.426	ppbv		
50) 4-Methyl-2-Pentanone	8.79	43	54653m	0.297	ppbv		
51) 2-Hexanone	10.19	43	20976m	0.229	ppbv		
52) Tetrachloroethene	11.23	164	34825m	0.395	ppbv		
53) Toluene	9.82	91	68993m	0.255	ppbv		
54) 1,2-Dibromoethane	10.62	107	59336	0.391	ppbv	#	76
56) 1,1,1,2-Tetrachloroethane	12.13	131	65599m	0.580	ppbv		
57) Chlorobenzene	12.15	112	107485	0.511	ppbv	#	93
58) Ethyl Benzene	12.72	91	94820	0.277	ppbv		98
59) m/p-Xylene	13.00	91	199977m	0.654	ppbv		
60) o-Xylene	13.70	91	94696	0.320	ppbv		97
61) Styrene	13.53	104	32422m	0.233	ppbv		
62) Isopropylbenzene	14.67	105	140590	0.349	ppbv		95
63) 1,1,2,2-Tetrachloroethane	13.68	83	132992m	0.561	ppbv		
64) n-propylbenzene	15.57	120	30485m	0.304	ppbv		
65) tert-Butylbenzene	16.75	119	118392m	0.333	ppbv		
66) Benzyl Chloride	17.00	91	14969m	0.430	ppbv		
67) sec-Butylbenzene	17.31	105	154839	0.313	ppbv		98
69) p-Isopropyltoluene	17.66	119	105295	0.266	ppbv	#	90
70) n-Butylbenzene	18.56	91	118622m	0.297	ppbv		
71) 2-Chlorotoluene	15.46	91	90839	0.305	ppbv		99
72) 4-Ethyltoluene	15.85	105	82964	0.261	ppbv	#	89
73) 1,3,5-Trimethylbenzene	16.01	105	99306m	0.323	ppbv		
74) 1,2,4-Trimethylbenzene	16.77	105	114001m	0.349	ppbv		
75) 1,3-Dichlorobenzene	17.00	146	83191	0.430	ppbv		89
76) 1,4-Dichlorobenzene	17.14	146	77541m	0.410	ppbv		
77) 1,2-Dichlorobenzene	17.83	146	77932m	0.413	ppbv		
78) Hexachloro-1,3-Butadiene	23.38	225	77243m	0.481	ppbv		
79) Naphthalene	22.22	128	27700m	0.151	ppbv		
81) 1,2,4-Trichlorobenzene	21.95	180	30338m	0.256	ppbv		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050721\
Data File : VL036916.D
Acq On : 7 May 2021 13:02
Operator : SY/AP
Sample : M2262-15 0.4
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 08 18:56:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2021

Manual Integrations APPROVED
MMDadoda
5/10/2021 3:34:30 PM