Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
Data File : VL037692.D
Acq On : 27 Sep 2021 22:31
Operator : SY/AP
Sample : M3948-04 10X
Misc : 400mL/MSVOA_L
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 28 21:00:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 1
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : SV4

Manual Integrations APPROVED
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10/1/2021 11:05:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1597569	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	4634907	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.09	117	4007093	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3941362	13.61	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 136.10%#				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	60398	0.200	ppbv		95
9) Propene	3.02	41	2346117	22.072	ppbv		88
10) Heptane	8.13	43	219052	0.883	ppbv		98
11) Trichlorofluoromethane	3.96	101	27348m	0.118	ppbv		
13) Ethanol	3.61	45	214853m	20.665	ppbv		
15) Acetone	3.85	43	15679248	94.462	ppbv		93
17) tert-Butyl alcohol	4.30	59	293807m	2.087	ppbv		
20) Methylene Chloride	4.36	84	84594	1.068	ppbv	#	92
26) Hexane	5.70	57	269716	1.412	ppbv	#	46
27) Carbon Disulfide	4.56	76	100911m	0.578	ppbv		
30) Cyclohexane	7.14	84	283215	1.734	ppbv		84
32) 1,1,1-Trichloroethane	6.52	97	42165	0.162	ppbv		93
34) 2-Butanone	5.25	43	2337898	12.412	ppbv		97
36) Benzene	6.90	78	830517	2.149	ppbv		99
38) Trichloroethene	7.84	130	160934	0.997	ppbv		91
44) 2,2,4-Trimethylpentane	7.87	57	297421m	0.458	ppbv		
50) 4-Methyl-2-Pentanone	8.76	43	168751m	0.706	ppbv		
51) 2-Hexanone	10.12	43	1796837	17.035	ppbv	#	54
52) Tetrachloroethene	11.23	164	149556	1.008	ppbv		92
53) Toluene	9.82	91	403251	0.939	ppbv		97
58) Ethyl Benzene	12.72	91	444360	0.835	ppbv		99
59) m/p-Xylene	12.98	91	2259165	4.874	ppbv		94
60) o-Xylene	13.70	91	1102159	2.498	ppbv		99
62) Isopropylbenzene	14.67	105	645671	1.048	ppbv		100
64) n-propylbenzene	15.57	120	98394	0.619	ppbv	#	54
67) sec-Butylbenzene	17.30	105	276762	0.367	ppbv		96
69) p-Isopropyltoluene	17.66	119	448286	0.728	ppbv		97
72) 4-Ethyltoluene	15.85	105	321381m	0.635	ppbv		
73) 1,3,5-Trimethylbenzene	16.01	105	600505	1.272	ppbv		96
74) 1,2,4-Trimethylbenzene	16.77	105	1574587	3.167	ppbv	#	78

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

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