Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040721\
Data File : VL036730.D
Acq On : 7 Apr 2021 17:23
Operator : SY/AP
Sample : M1929-02
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : FS-SV-04

Manual Integrations APPROVED
MMDadoda
4/12/2021 11:15:50 AM

Quant Time: Apr 08 02:41:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Apr 08 01:58:43 2021
QLast Update : Thu Apr 08 01:58:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.668	49	1266089	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.182	114	3181412	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.092	117	2769795	10.00	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.426	95	2242936	10.16	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.051	85	36306	0.18	ppbv		94
3) Chlorodifluoromethane	2.989	51	34181m	0.14	ppbv		
4) Chloromethane	3.141	50	21610m	0.26	ppbv		
9) Propene	3.012	41	124010	1.64	ppbv		92
10) Heptane	8.124	43	24835m	0.13	ppbv		
11) Trichlorofluoromethane	3.948	101	122693	0.58	ppbv		90
13) Ethanol	3.613	45	105415	11.74	ppbv		98
15) Acetone	3.851	43	1162733	9.33	ppbv		98
19) Isopropyl Alcohol	3.989	45	194960m	2.84	ppbv		
20) Methylene Chloride	4.343	84	841863	14.43	ppbv		95
24) 1,1-Dichloroethane	5.012	63	34770m	0.22	ppbv		
26) Hexane	5.687	57	613330	4.46	ppbv	#	47
27) Carbon Disulfide	4.555	76	38616m	0.29	ppbv		
29) Chloroform	5.755	83	415959	1.89	ppbv		98
32) 1,1,1-Trichloroethane	6.510	97	86296	0.39	ppbv		93
34) 2-Butanone	5.250	43	137289	0.88	ppbv	#	71
35) Carbon Tetrachloride	7.025	117	8397m	0.03	ppbv		
36) Benzene	6.893	78	7318928	24.94	ppbv		95
37) 1,2-Dichloroethane	6.311	62	51703	0.30	ppbv	#	96
52) Tetrachloroethene	11.230	164	2412642	22.33	ppbv		100
53) Toluene	9.812	91	3049043	9.76	ppbv		99
58) Ethyl Benzene	12.716	91	2093139	5.19	ppbv		95
59) m/p-Xylene	13.005	91	2753976	7.84	ppbv		96
60) o-Xylene	13.700	91	1323152	3.89	ppbv		100
61) Styrene	13.539	104	23232m	0.14	ppbv		
62) Isopropylbenzene	14.674	105	47156	0.10	ppbv		96
64) n-propylbenzene	15.565	120	30728m	0.27	ppbv		
72) 4-Ethyltoluene	15.847	105	267256	0.72	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.002	105	523468	1.51	ppbv		94
74) 1,2,4-Trimethylbenzene	16.767	105	1362300	3.66	ppbv	#	68
79) Naphthalene	22.214	128	511273	2.36	ppbv	#	94

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

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