Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081820\
Data File : VL035466.D
Acq On : 19 Aug 2020 12:27
Operator : SY/AP
Sample : L3730-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-3

Manual Integrations APPROVED
MMDadoda
8/20/2020 11:07:56 AM

Quant Time: Aug 20 03:54:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 1
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1059985	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4817198	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	4797826	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3462567	10.31	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	63085	0.321	ppbv		96
3) Chlorodifluoromethane	2.99	51	271873m	2.046	ppbv		
4) Chloromethane	3.14	50	37933	0.548	ppbv		99
9) Propene	3.02	41	40860	0.765	ppbv	#	73
10) Heptane	8.14	43	16656m	0.119	ppbv		
11) Trichlorofluoromethane	3.95	101	149891	0.486	ppbv		94
13) Ethanol	3.61	45	805400	41.151	ppbv		99
15) Acetone	3.85	43	1351397	11.077	ppbv	#	83
17) tert-Butyl alcohol	4.31	59	22117m	0.140	ppbv		
19) Isopropyl Alcohol	3.97	45	1138693	13.541	ppbv	#	97
20) Methylene Chloride	4.35	84	175130	1.779	ppbv	#	64
26) Hexane	5.69	57	162332	1.212	ppbv	#	36
29) Chloroform	5.76	83	35983	0.134	ppbv		96
30) Cyclohexane	7.14	84	46074	0.310	ppbv	#	55
34) 2-Butanone	5.26	43	74940	0.466	ppbv	#	70
35) Carbon Tetrachloride	7.03	117	16285	0.064	ppbv	#	82
36) Benzene	6.90	78	54723	0.155	ppbv	#	91
37) 1,2-Dichloroethane	6.31	62	32323	0.200	ppbv	#	88
44) 2,2,4-Trimethylpentane	7.88	57	122821	0.266	ppbv		92
50) 4-Methyl-2-Pentanone	8.77	43	177834	0.770	ppbv	#	86
52) Tetrachloroethene	11.25	164	13816m	0.064	ppbv		
53) Toluene	9.82	91	396858	0.871	ppbv		98
59) m/p-Xylene	12.99	91	117609	0.240	ppbv		87
60) o-Xylene	13.71	91	46808	0.098	ppbv		92
61) Styrene	13.55	104	52114m	0.136	ppbv		
62) Isopropylbenzene	14.70	105	94550	0.121	ppbv		92
74) 1,2,4-Trimethylbenzene	16.79	105	71885	0.114	ppbv	#	72

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

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