Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037844.D
Acq On : 13 Oct 2021 00:30
Operator : SY/AP
Sample : M4143-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 14 22:28:36 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1284107	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3726181	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3191508	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2181692	9.78	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	41591m	0.203	ppbv	
3) Chlorodifluoromethane	2.99	51	51318m	0.208	ppbv	
4) Chloromethane	3.14	50	38030m	0.421	ppbv	
9) Propene	3.01	41	108518	1.195	ppbv	98
10) Heptane	8.12	43	39688	0.192	ppbv #	81
11) Trichlorofluoromethane	3.95	101	40380	0.221	ppbv #	78
13) Ethanol	3.61	45	677392	91.239	ppbv	81
15) Acetone	3.84	43	6707070	58.183	ppbv	100
17) tert-Butyl alcohol	4.30	59	120286	1.013	ppbv	99
19) Isopropyl Alcohol	3.97	45	336342	4.690	ppbv #	1
20) Methylene Chloride	4.34	84	586198	10.064	ppbv	93
25) Ethyl Acetate	5.67	43	1534068	4.742	ppbv #	94
26) Hexane	5.68	57	430237m	2.701	ppbv	
27) Carbon Disulfide	4.55	76	22645	0.160	ppbv #	75
29) Chloroform	5.75	83	205306	0.902	ppbv #	78
30) Cyclohexane	7.12	84	18493m	0.137	ppbv	
34) 2-Butanone	5.24	43	1581882	10.516	ppbv	99
35) Carbon Tetrachloride	7.01	117	9033m	0.043	ppbv	
36) Benzene	6.89	78	106064	0.333	ppbv	99
37) 1,2-Dichloroethane	6.30	62	121948	0.814	ppbv #	95
38) Trichloroethene	7.83	130	52256m	0.416	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	97703m	0.183	ppbv	
51) 2-Hexanone	10.14	43	70887	0.811	ppbv #	72
52) Tetrachloroethene	11.22	164	3351243	27.065	ppbv	96
53) Toluene	9.80	91	2059395	5.839	ppbv	98
58) Ethyl Benzene	12.70	91	161869	0.378	ppbv	99
59) m/p-Xylene	12.96	91	499367m	1.357	ppbv	
60) o-Xylene	13.68	91	187800	0.533	ppbv	100
61) Styrene	13.52	104	72092m	0.423	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	85062m	0.223	ppbv	

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

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