Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
Data File : VL040296.D
Acq On : 16 Mar 2023 15:04
Operator : SY/MD
Sample : 01933-04 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 17 04:14:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SSSG-4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.192	49	1040071	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.655	114	2781301	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.471	117	2567615	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.780	95	2084305	9.694	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.732	85	36220	0.177	ppbv		97
3) Chlorodifluoromethane	2.678	51	20881	0.160	ppbv		92
9) Propene	2.706	41	75776	1.512	ppbv	#	59
10) Heptane	7.584	43	50016	0.415	ppbv		94
11) Trichlorofluoromethane	3.562	101	18034	0.098	ppbv		96
13) Ethanol	3.237	45	1321751	359.688	ppbv		99
15) Acetone	3.468	43	975351	7.703	ppbv		99
20) Methylene Chloride	3.931	84	312969	5.875	ppbv		94
26) Hexane	5.214	57	228018	2.343	ppbv	#	64
34) 2-Butanone	4.787	43	454646	3.312	ppbv		99
36) Benzene	6.372	78	56188	0.265	ppbv	#	92
41) Tetrahydrofuran	5.562	42	113507	1.433	ppbv		99
44) 2,2,4-Trimethylpentane	7.330	57	692732	1.960	ppbv		92
50) 4-Methyl-2-Pentanone	8.195	43	100597	0.474	ppbv		98
52) Tetrachloroethene	10.623	164	45176m	0.704	ppbv		
53) Toluene	9.221	91	1381085	6.218	ppbv		98
58) Ethyl Benzene	12.089	91	578014m	1.977	ppbv		
59) m/p-Xylene	12.349	91	1918130	7.162	ppbv		95
60) o-Xylene	13.063	91	892337	3.485	ppbv		99
61) Styrene	12.905	104	27396	0.211	ppbv		88
62) Isopropylbenzene	14.031	105	67802m	0.186	ppbv		
64) n-propylbenzene	14.925	120	48113	0.539	ppbv		74
65) tert-Butylbenzene	16.108	119	122092m	0.389	ppbv		
72) 4-Ethyltoluene	15.198	105	323766	1.157	ppbv		99
73) 1,3,5-Trimethylbenzene	15.359	105	284758m	1.123	ppbv		
74) 1,2,4-Trimethylbenzene	16.111	105	1149979	3.977	ppbv	#	72
79) Naphthalene	21.394	128	191824m	1.121	ppbv		

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

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