Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
Data File : VL039304.D
Acq On : 15 Jun 2022 20:36
Operator : SY/AP
Sample : N3326-01 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 04:37:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	1326748	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	3605648	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	3391759	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2672324	9.530	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	42952	0.184	ppbv	94
3) Chlorodifluoromethane	2.986	51	37343	0.221	ppbv	98
4) Chloromethane	3.137	50	20389	0.235	ppbv	90
7) Chloroethane	3.552	64	3634m	0.129	ppbv	
9) Propene	3.015	41	117358	1.594	ppbv #	77
10) Heptane	8.111	43	53616m	0.312	ppbv	
11) Trichlorofluoromethane	3.948	101	54241	0.257	ppbv	97
13) Ethanol	3.594	45	45274m	11.278	ppbv	
15) Acetone	3.838	43	2125263	15.378	ppbv	98
17) tert-Butyl alcohol	4.282	59	154939	1.445	ppbv	97
19) Isopropyl Alcohol	3.957	45	47756m	0.737	ppbv	
20) Methylene Chloride	4.337	84	109651	1.883	ppbv	96
23) Vinyl Acetate	5.060	43	3475593	30.395	ppbv	99
26) Hexane	5.677	57	467968	3.419	ppbv #	34
27) Carbon Disulfide	4.546	76	27639	0.195	ppbv #	53
29) Chloroform	5.742	83	36506	0.158	ppbv	97
34) 2-Butanone	5.237	43	206884	1.056	ppbv	93
36) Benzene	6.883	78	40964	0.140	ppbv #	91
44) 2,2,4-Trimethylpentane	7.857	57	285409	0.557	ppbv #	85
51) 2-Hexanone	10.118	43	144576	0.634	ppbv #	100
52) Tetrachloroethene	11.208	164	422761	3.699	ppbv	94
53) Toluene	9.787	91	246418	0.731	ppbv	97
58) Ethyl Benzene	12.696	91	104532	0.224	ppbv	91
59) m/p-Xylene	12.950	91	353471	0.859	ppbv	95
60) o-Xylene	13.671	91	151177	0.391	ppbv	99
72) 4-Ethyltoluene	15.818	105	87164	0.192	ppbv #	78
73) 1,3,5-Trimethylbenzene	15.979	105	75281m	0.184	ppbv	
74) 1,2,4-Trimethylbenzene	16.748	105	310421	0.681	ppbv #	64

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

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