Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041422\
Data File : VL038940.D
Acq On : 15 Apr 2022 9:21
Operator : SY/AP
Sample : N2408-01
Misc : 400mL/MSVOA_L
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 15 10:01:04 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
AA-2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1153827	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2950608	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.07	117	2618138	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2016268	10.15	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	102725	0.628	ppbv		91
3) Chlorodifluoromethane	2.99	51	42003m	0.298	ppbv		
4) Chloromethane	3.13	50	41943	0.575	ppbv		98
9) Propene	3.02	41	82306m	1.105	ppbv		
10) Heptane	8.10	43	41459	0.221	ppbv		88
11) Trichlorofluoromethane	3.95	101	32727m	0.249	ppbv		
13) Ethanol	3.59	45	183281	40.481	ppbv	#	100
15) Acetone	3.84	43	493411	4.295	ppbv	#	74
19) Isopropyl Alcohol	3.96	45	54051	0.921	ppbv	#	100
20) Methylene Chloride	4.34	84	71217	1.709	ppbv	#	80
25) Ethyl Acetate	5.67	43	170616	0.585	ppbv	#	94
26) Hexane	5.68	57	134860	1.016	ppbv	#	65
30) Cyclohexane	7.11	84	17432m	0.149	ppbv		
34) 2-Butanone	5.23	43	142764	1.224	ppbv	#	81
35) Carbon Tetrachloride	7.01	117	10263m	0.058	ppbv		
36) Benzene	6.88	78	76071	0.283	ppbv	#	90
41) Tetrahydrofuran	6.05	42	42388	0.383	ppbv	#	79
44) 2,2,4-Trimethylpentane	7.85	57	78529m	0.173	ppbv		
52) Tetrachloroethene	11.21	164	5549m	0.059	ppbv		
53) Toluene	9.79	91	521822	1.684	ppbv		99
58) Ethyl Benzene	12.69	91	102497	0.262	ppbv		88
59) m/p-Xylene	12.95	91	279025m	0.849	ppbv		
60) o-Xylene	13.67	91	94107m	0.306	ppbv		
61) Styrene	13.51	104	26770m	0.143	ppbv		
74) 1,2,4-Trimethylbenzene	16.74	105	56945m	0.163	ppbv		

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

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