Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039408.D
Acq On : 29 Jun 2022 23:03
Operator : SY/AP
Sample : N3530-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 30 05:45:05 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun
QLast Update : Thu Jun 30 05:40:11 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.655	49	1083945	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	7.160	114	2985672	10.000	ppbv		0.00
55) Chlorobenzene-d5	12.066	117	2583071	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.394	95	2001562	10.445	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.041	85	43764	0.280	ppbv		90
3) Chlorodifluoromethane	2.983	51	110330	0.802	ppbv	#	86
4) Chloromethane	3.134	50	38241	0.508	ppbv		95
9) Propene	3.015	41	98943m	1.593	ppbv		
10) Heptane	8.111	43	24137m	0.166	ppbv		
11) Trichlorofluoromethane	3.941	101	42757	0.245	ppbv		99
13) Ethanol	3.591	45	1020874	283.329	ppbv		72
15) Acetone	3.838	43	1210710	9.441	ppbv		96
19) Isopropyl Alcohol	3.960	45	200014	2.924	ppbv	#	92
20) Methylene Chloride	4.337	84	92738	1.814	ppbv		97
26) Hexane	5.674	57	117011	1.104	ppbv	#	58
29) Chloroform	5.742	83	69026	0.375	ppbv		86
30) Cyclohexane	7.140	84	25454m	0.264	ppbv		
34) 2-Butanone	5.234	43	86336	0.574	ppbv		93
35) Carbon Tetrachloride	7.002	117	13055m	0.071	ppbv		
36) Benzene	6.877	78	76154	0.330	ppbv	#	92
44) 2,2,4-Trimethylpentane	7.857	57	176653m	0.451	ppbv		
52) Tetrachloroethene	11.201	164	5853m	0.063	ppbv		
53) Toluene	9.790	91	407402	1.528	ppbv		100
58) Ethyl Benzene	12.687	91	91289m	0.274	ppbv		
59) m/p-Xylene	12.944	91	321425m	1.093	ppbv		
60) o-Xylene	13.674	91	111915	0.402	ppbv		97
65) tert-Butylbenzene	16.741	119	40982	0.105	ppbv	#	38
72) 4-Ethyltoluene	15.815	105	156575m	0.478	ppbv		
73) 1,3,5-Trimethylbenzene	15.976	105	125576m	0.418	ppbv		
74) 1,2,4-Trimethylbenzene	16.741	105	404906	1.217	ppbv	#	70

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

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