Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
Data File : VL038728.D
Acq On : 23 Mar 2022 23:10
Operator : SY/AP
Sample : N2047-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 27 16:16:04 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
C0PB0

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	747200	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	1982830	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	1784914	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1290030	9.43	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	26234	0.26	ppbv		98
3) Chlorodifluoromethane	2.98	51	20750	0.26	ppbv		97
4) Chloromethane	3.14	50	11325	0.26	ppbv		92
9) Propene	3.01	41	40168	1.05	ppbv		97
11) Trichlorofluoromethane	3.94	101	25394	0.29	ppbv		91
13) Ethanol	3.60	45	256166	60.95	ppbv		98
15) Acetone	3.84	43	966041	14.98	ppbv	#	85
17) tert-Butyl alcohol	4.29	59	33130m	0.59	ppbv		
19) Isopropyl Alcohol	3.96	45	52446	1.47	ppbv	#	1
20) Methylene Chloride	4.34	84	81975	3.02	ppbv		95
27) Carbon Disulfide	4.55	76	9761m	0.14	ppbv		
29) Chloroform	5.74	83	138866	1.19	ppbv		99
34) 2-Butanone	5.23	43	1299886	16.56	ppbv		98
35) Carbon Tetrachloride	7.01	117	3968m	0.03	ppbv		
36) Benzene	6.88	78	18075	0.12	ppbv	#	93
51) 2-Hexanone	10.13	43	111526	1.06	ppbv	#	96
52) Tetrachloroethene	11.21	164	1334245	23.83	ppbv		98
53) Toluene	9.80	91	67017	0.41	ppbv		99
58) Ethyl Benzene	12.70	91	21096m	0.10	ppbv		
59) m/p-Xylene	12.95	91	42293m	0.23	ppbv		
60) o-Xylene	13.67	91	22955	0.13	ppbv		94
73) 1,3,5-Trimethylbenzene	15.99	105	21078m	0.11	ppbv		
74) 1,2,4-Trimethylbenzene	16.74	105	42597m	0.21	ppbv		

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

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