Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
Data File : VL041168.D
Acq On : 25 Apr 2024 13:17
Operator : SY/MD
Sample : P2253-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 26 03:12:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Apr 26 03:09:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/26/2024
Supervised By :Mahesh Dadoda 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.176	49	1212702	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.632	114	3032951	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.439	117	2918328	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.748	95	2482875	10.580	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.800%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.729	85	167795	0.809	ppbv		98
9) Propene	2.694	41	1018009	17.133	ppbv		87
10) Heptane	7.555	43	80544m	0.571	ppbv		
11) Trichlorofluoromethane	3.555	101	149955	0.797	ppbv		95
13) Ethanol	3.237	45	41121	2.910	ppbv		94
15) Acetone	3.459	43	1309827	9.975	ppbv		96
20) Methylene Chloride	3.925	84	377353	6.968	ppbv		98
22) trans-1,2-Dichloroethene	4.436	96	9895m	0.162	ppbv		
26) Hexane	5.198	57	511391	4.622	ppbv	#	40
27) Carbon Disulfide	4.115	76	2277483	16.798	ppbv		99
29) Chloroform	5.259	83	178270	0.956	ppbv		93
30) Cyclohexane	6.587	84	20009m	0.222	ppbv		
34) 2-Butanone	4.777	43	376017	2.930	ppbv		98
36) Benzene	6.353	78	215205	0.966	ppbv		95
38) Trichloroethene	7.266	130	87155m	1.083	ppbv		
44) 2,2,4-Trimethylpentane	7.304	57	125579	0.341	ppbv	#	44
50) 4-Methyl-2-Pentanone	8.172	43	39516m	0.175	ppbv		
51) 2-Hexanone	9.536	43	171459	1.095	ppbv	#	89
52) Tetrachloroethene	10.590	164	560110m	7.882	ppbv		
53) Toluene	9.198	91	494174m	2.107	ppbv		
58) Ethyl Benzene	12.063	91	306280	0.959	ppbv		90
59) m/p-Xylene	12.314	91	592162	2.052	ppbv		96
60) o-Xylene	13.034	91	303789m	1.111	ppbv		
62) Isopropylbenzene	14.002	105	52764m	0.130	ppbv		
64) n-propylbenzene	14.886	120	28116m	0.275	ppbv		
72) 4-Ethyltoluene	15.166	105	135104	0.442	ppbv	#	92
73) 1,3,5-Trimethylbenzene	15.326	105	122321m	0.454	ppbv		
74) 1,2,4-Trimethylbenzene	16.076	105	218411	0.709	ppbv	#	66

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

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