Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041605.D
Acq On : 18 Sep 2024 13:42
Operator : SY/MD
Sample : P4028-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 01:32:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
09/19/2024
Supervised By :Mahesh Dadoda
09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.189	49	873658	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.652	114	2449749	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.459	117	2230436	10.000	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.770	95	1637558	9.973	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.739	85	37493	0.297	ppbv		96
3) Chlorodifluoromethane	2.681	51	32865m	0.310	ppbv		
4) Chloromethane	2.822	50	31818	0.546	ppbv	#	88
9) Propene	2.706	41	56780	1.270	ppbv		92
10) Heptane	7.574	43	16778	0.160	ppbv		90
11) Trichlorofluoromethane	3.565	101	33119	0.247	ppbv		94
13) Ethanol	3.237	45	1441284	428.905	ppbv		94
15) Acetone	3.472	43	643754	5.869	ppbv		95
19) Isopropyl Alcohol	3.581	45	240865	4.290	ppbv	#	91
20) Methylene Chloride	3.935	84	84712	2.056	ppbv		96
26) Hexane	5.211	57	64569	0.786	ppbv	#	57
34) 2-Butanone	4.790	43	65953	0.565	ppbv		98
35) Carbon Tetrachloride	6.491	117	9648m	0.080	ppbv		
36) Benzene	6.365	78	72852	0.428	ppbv		95
44) 2,2,4-Trimethylpentane	7.327	57	57890	0.197	ppbv	#	64
52) Tetrachloroethene	10.616	164	3237m	0.053	ppbv		
53) Toluene	9.214	91	364858	2.020	ppbv		100
58) Ethyl Benzene	12.086	91	31350m	0.131	ppbv		
59) m/p-Xylene	12.343	91	107063m	0.504	ppbv		
60) o-Xylene	13.047	91	49342m	0.242	ppbv		
61) Styrene	12.889	104	11173m	0.131	ppbv		
64) n-propylbenzene	14.915	120	10002m	0.125	ppbv		
72) 4-Ethyltoluene	15.188	105	47913	0.201	ppbv	#	93
73) 1,3,5-Trimethylbenzene	15.355	105	47740m	0.227	ppbv		
74) 1,2,4-Trimethylbenzene	16.101	105	185611	0.754	ppbv	#	71

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

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