Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041742.D
Acq On : 12 Dec 2024 10:01
Operator : SY/MD
Sample : P5150-03 4X
Misc : 400mL/MSVOA_L
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 12 15:00:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Dec 12 13:35:39 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.771	49	241459	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.936	114	1158894	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.862	117	1050344	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	714825	10.352	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.489	85	5389	0.127	ppbv	100
3) Chlorodifluoromethane	1.466	51	5091	0.155	ppbv	93
4) Chloromethane	1.525	50	1343	0.119	ppbv	99
9) Propene	1.476	41	12599	0.899	ppbv	92
10) Heptane	4.952	43	178890	4.617	ppbv	99
13) Ethanol	1.712	45	10559	9.108	ppbv	98
15) Acetone	1.826	43	108547	3.894	ppbv	90
19) Isopropyl Alcohol	1.874	45	10836	0.409	ppbv #	1
20) Methylene Chloride	2.052	84	2800	0.166	ppbv	98
26) Hexane	2.809	57	272822	7.260	ppbv #	42
27) Carbon Disulfide	2.140	76	6472	0.167	ppbv #	1
29) Chloroform	2.832	83	6898	0.120	ppbv	98
30) Cyclohexane	3.836	84	108545	2.572	ppbv	97
31) cis-1,2-Dichloroethene	2.706	61	119028	3.419	ppbv	96
34) 2-Butanone	2.544	43	88590	2.183	ppbv	98
35) Carbon Tetrachloride	3.745	117	4717m	0.087	ppbv	
36) Benzene	3.638	78	71634	0.786	ppbv	94
38) Trichloroethene	4.522	130	84403	1.786	ppbv	97
41) Tetrahydrofuran	3.043	42	35413	1.448	ppbv	97
52) Tetrachloroethene	8.205	164	1512748	31.335	ppbv	99
53) Toluene	6.907	91	482777	4.311	ppbv	99
58) Ethyl Benzene	9.338	91	245019	1.743	ppbv	99
59) m/p-Xylene	9.516	91	417826	3.879	ppbv	98
60) o-Xylene	9.950	91	185505	1.737	ppbv	95
62) Isopropylbenzene	10.526	105	95859	0.544	ppbv	97
64) n-propylbenzene	10.979	120	51926	1.001	ppbv	80
69) p-Isopropyltoluene	11.917	119	39196	0.210	ppbv	96
72) 4-Ethyltoluene	11.115	105	111056m	0.805	ppbv	
73) 1,3,5-Trimethylbenzene	11.192	105	121827	1.092	ppbv	97
74) 1,2,4-Trimethylbenzene	11.529	105	224166	1.848	ppbv #	67

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

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