Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
Data File : VL041200.D
Acq On : 2 May 2024 17:58
Operator : SY/MD
Sample : P2334-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 03 03:42:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Fri May 03 03:34:47 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS01-20240425

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.192	49	794369	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2080965	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1914120	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1422456	9.844	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.732	85	60911	0.567	ppbv	95
4) Chloromethane	2.816	50	391868	8.278	ppbv	93
5) Vinyl Chloride	2.925	62	2404m	0.051	ppbv	
7) Chloroethane	3.202	64	7089m	0.422	ppbv	
11) Trichlorofluoromethane	3.565	101	31238	0.286	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.076	101	7106m	0.088	ppbv	
13) Ethanol	3.240	45	131365	12.412	ppbv	98
15) Acetone	3.472	43	1147315	12.238	ppbv	98
17) tert-Butyl alcohol	3.886	59	73954	0.731	ppbv	98
20) Methylene Chloride	3.938	84	286832	8.798	ppbv	94
23) Vinyl Acetate	4.619	43	241434	2.339	ppbv #	87
26) Hexane	5.214	57	349861	4.190	ppbv #	48
29) Chloroform	5.272	83	87885	0.763	ppbv	95
32) 1,1,1-Trichloroethane	6.008	97	38200m	0.332	ppbv	
34) 2-Butanone	4.790	43	249875	2.359	ppbv	99
35) Carbon Tetrachloride	6.497	117	33615m	0.288	ppbv	
36) Benzene	6.372	78	22684	0.130	ppbv	93
37) 1,2-Dichloroethane	5.809	62	13911m	0.153	ppbv	
38) Trichloroethene	7.295	130	1401462	21.535	ppbv	98
41) Tetrahydrofuran	5.571	42	19496m	0.254	ppbv	
52) Tetrachloroethene	10.616	164	39277	0.640	ppbv	89
53) Toluene	9.224	91	184925	0.913	ppbv	99
58) Ethyl Benzene	12.085	91	30486m	0.116	ppbv	
59) m/p-Xylene	12.349	91	92476m	0.419	ppbv	
60) o-Xylene	13.060	91	26493m	0.128	ppbv	
61) Styrene	12.899	104	19849m	0.182	ppbv	
69) p-Isopropyltoluene	17.002	119	65670m	0.204	ppbv	
74) 1,2,4-Trimethylbenzene	16.105	105	39415m	0.170	ppbv	

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

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