

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041271.D
 Acq On : 21 May 2024 18:56
 Operator : SY/MD
 Sample : P2534-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:47:17 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 : Wed May 22 05:39:49 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.198	49	868062	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2181233	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2140083	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1608323	9.955	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.745	85	40657	0.346	ppbv	90
3) Chlorodifluoromethane	2.693	51	39646m	0.301	ppbv	
4) Chloromethane	2.832	50	31983	0.618	ppbv	94
9) Propene	2.719	41	52437	1.016	ppbv #	76
10) Heptane	7.590	43	11853m	0.095	ppbv	
11) Trichlorofluoromethane	3.578	101	27938	0.234	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.076	101	7151m	0.081	ppbv	
13) Ethanol	3.253	45	132737	11.476	ppbv	99
15) Acetone	3.481	43	830894	8.110	ppbv	98
19) Isopropyl Alcohol	3.597	45	113195m	1.684	ppbv	
20) Methylene Chloride	3.944	84	1352269	37.958	ppbv	97
26) Hexane	5.221	57	907231	9.942	ppbv #	41
34) 2-Butanone	4.803	43	78604	0.708	ppbv	97
35) Carbon Tetrachloride	6.494	117	8444m	0.069	ppbv	
36) Benzene	6.375	78	33286	0.182	ppbv #	78
38) Trichloroethene	7.298	130	3273m	0.048	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	50303	0.159	ppbv #	75
50) 4-Methyl-2-Pentanone	8.208	43	27913m	0.140	ppbv	
51) 2-Hexanone	9.568	43	115317m	0.780	ppbv	
52) Tetrachloroethene	10.616	164	11937	0.186	ppbv #	67
53) Toluene	9.220	91	187207	0.882	ppbv	100
58) Ethyl Benzene	12.088	91	21055m	0.072	ppbv	
59) m/p-Xylene	12.342	91	72069m	0.292	ppbv	
60) o-Xylene	13.056	91	27135m	0.117	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	45691	0.177	ppbv #	64

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

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