

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039551.D
 Acq On : 17 Aug 2022 16:57
 Operator : SY/AP
 Sample : N4125-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

Quant Time: Aug 18 05:38:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022

QLast Update : Wed Aug 17 12:06:24 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1078662	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2740177	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2436989	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1873592	10.213	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.754	85	29654	0.205	ppbv	94
3) Chlorodifluoromethane	2.700	51	48102m	0.372	ppbv	
4) Chloromethane	2.838	50	36970	0.478	ppbv	91
9) Propene	2.726	41	73777	1.253	ppbv #	74
10) Heptane	7.587	43	190997	1.396	ppbv	99
11) Trichlorofluoromethane	3.587	101	32094	0.202	ppbv	86
13) Ethanol	3.256	45	544391	128.438	ppbv	82
15) Acetone	3.488	43	2001775	16.426	ppbv	100
17) tert-Butyl alcohol	3.922	59	33376m	0.321	ppbv	
19) Isopropyl Alcohol	3.600	45	223737	3.757	ppbv #	100
20) Methylene Chloride	3.954	84	1313195	26.466	ppbv	92
25) Ethyl Acetate	5.224	43	1340752	5.160	ppbv	98
26) Hexane	5.230	57	616143	5.782	ppbv	90
27) Carbon Disulfide	4.140	76	12724	0.112	ppbv #	63
30) Cyclohexane	6.613	84	9367m	0.106	ppbv	
32) 1,1,1-Trichloroethane	6.021	97	6261m	0.040	ppbv	
34) 2-Butanone	4.806	43	302819	2.198	ppbv	98
35) Carbon Tetrachloride	6.507	117	8139m	0.053	ppbv	
36) Benzene	6.381	78	38634	0.185	ppbv #	80
44) 2,2,4-Trimethylpentane	7.333	57	42113m	0.120	ppbv	
50) 4-Methyl-2-Pentanone	8.204	43	111765m	0.527	ppbv	
52) Tetrachloroethene	10.613	164	3290m	0.040	ppbv	
53) Toluene	9.230	91	826644	3.533	ppbv	99
58) Ethyl Benzene	12.098	91	107983	0.383	ppbv	91
59) m/p-Xylene	12.349	91	360184	1.420	ppbv #	100
60) o-Xylene	13.066	91	102587	0.422	ppbv	96
61) Styrene	12.912	104	21166m	0.163	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	48611m	0.167	ppbv	
79) Naphthalene	21.387	128	34492m	0.166	ppbv	

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

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