

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041204.D
 Acq On : 2 May 2024 20:43
 Operator : SY/MD
 Sample : P2334-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-IA03-20240425

Manual Integrations
 APPROVED

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

Quant Time: May 03 03:44:28 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	868272	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2169496	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1983224	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1528678	10.210	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	41275	0.351	ppbv	98
3) Chlorodifluoromethane	2.677	51	36456m	0.276	ppbv	
4) Chloromethane	2.816	50	65965	1.275	ppbv #	85
9) Propene	2.700	41	159480	3.090	ppbv	87
11) Trichlorofluoromethane	3.562	101	27317	0.229	ppbv #	81
12) 1,1,2-Trichlorotrifluo...	4.063	101	6719m	0.076	ppbv	
13) Ethanol	3.237	45	1606518	138.867	ppbv	98
15) Acetone	3.462	43	3278639	31.995	ppbv	99
20) Methylene Chloride	3.935	84	282946	7.940	ppbv	97
26) Hexane	5.211	57	230086m	2.521	ppbv	
34) 2-Butanone	4.784	43	97640	0.884	ppbv	98
35) Carbon Tetrachloride	6.491	117	8231m	0.068	ppbv	
36) Benzene	6.369	78	71496	0.393	ppbv	95
52) Tetrachloroethene	10.610	164	1992m	0.031	ppbv	
53) Toluene	9.214	91	163060m	0.772	ppbv	
58) Ethyl Benzene	12.082	91	26540m	0.098	ppbv	
59) m/p-Xylene	12.343	91	67330m	0.295	ppbv	
60) o-Xylene	13.053	91	19652m	0.092	ppbv	
61) Styrene	12.899	104	14348m	0.127	ppbv	
74) 1,2,4-Trimethylbenzene	16.101	105	17161m	0.072	ppbv	

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

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