

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
 Data File : VL042403.D
 Acq On : 21 Apr 2025 14:13
 Operator : SY/MD
 Sample : Q1844-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Quant Time: Apr 22 02:54:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt
 04/22/2025
 Supervised By : Mahesh
 Dadoda
 04/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) Bromochloromethane	2.781	49	132791	10.000	ppbv	0.00	
33) 1,4-Difluorobenzene	3.949	114	375368	10.000	ppbv	0.00	
55) Chlorobenzene-d5	8.875	117	317335	10.000	ppbv	0.00	
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.371	95	280008	10.738	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.400%	
Target Compounds							
2) Dichlorodifluoromethane	1.496	85	9172	0.391	ppbv		98
4) Chloromethane	1.528	50	4747	0.511	ppbv		97
9) Propene	1.483	41	991115m	97.413	ppbv		
10) Heptane	4.978	43	10676m	0.373	ppbv		
11) Trichlorofluoromethane	1.871	101	5354	0.240	ppbv		98
13) Ethanol	1.752	45	6779986	4192.544	ppbv		84
15) Acetone	1.836	43	495980	22.816	ppbv	#	87
17) tert-Butyl alcohol	2.046	59	138695	5.148	ppbv		100
19) Isopropyl Alcohol	1.894	45	1848877	153.105	ppbv	#	42
20) Methylene Chloride	2.059	84	5286	0.621	ppbv	#	95
26) Hexane	2.820	57	15516	0.715	ppbv		96
30) Cyclohexane	3.852	84	3893m	0.222	ppbv		
34) 2-Butanone	2.557	43	19516	0.657	ppbv		96
35) Carbon Tetrachloride	3.755	117	2399m	0.071	ppbv		
36) Benzene	3.651	78	516496	12.757	ppbv		98
44) 2,2,4-Trimethylpentane	4.635	57	24746	0.354	ppbv	#	82
52) Tetrachloroethene	8.215	164	304528	19.460	ppbv		94
53) Toluene	6.920	91	97818	2.013	ppbv		98
58) Ethyl Benzene	9.351	91	18455	0.294	ppbv		98
59) m/p-Xylene	9.529	91	41517m	0.820	ppbv		
60) o-Xylene	9.956	91	16241	0.318	ppbv		97
61) Styrene	9.863	104	9449	0.388	ppbv		98
69) p-Isopropyltoluene	11.921	119	8144	0.098	ppbv	#	86
74) 1,2,4-Trimethylbenzene	11.533	105	14817	0.230	ppbv	#	66
79) Naphthalene	13.510	128	39534	0.514	ppbv		97

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

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