

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041444.D
 Acq On : 30 Jul 2024 1:11
 Operator : SY/MD
 Sample : P3342-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-04

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:57:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1048126	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.658	114	2834572	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.468	117	2594932	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1988460	9.957	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	90554	0.502	ppbv	93
4) Chloromethane	2.822	50	45631	0.688	ppbv	90
10) Heptane	7.584	43	570412	4.429	ppbv	100
11) Trichlorofluoromethane	3.568	101	35994	0.225	ppbv	95
13) Ethanol	3.246	45	2878922	561.959	ppbv	97
15) Acetone	3.468	43	4522786	37.978	ppbv	# 83
19) Isopropyl Alcohol	3.584	45	1294606	18.595	ppbv	# 1
20) Methylene Chloride	3.938	84	91184	2.053	ppbv	92
26) Hexane	5.217	57	1727804	17.605	ppbv	# 42
29) Chloroform	5.282	83	20531	0.128	ppbv	85
30) Cyclohexane	6.610	84	97906	1.225	ppbv	87
34) 2-Butanone	4.790	43	189493	1.382	ppbv	97
35) Carbon Tetrachloride	6.497	117	9792	0.063	ppbv	# 95
36) Benzene	6.372	78	882730	4.262	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	1460577	4.222	ppbv	# 86
52) Tetrachloroethene	10.616	164	10051m	0.126	ppbv	
53) Toluene	9.224	91	4829863	20.935	ppbv	99
58) Ethyl Benzene	12.085	91	889290	2.973	ppbv	96
59) m/p-Xylene	12.346	91	1577061	6.108	ppbv	97
60) o-Xylene	13.060	91	583373m	2.388	ppbv	
61) Styrene	12.899	104	265634	2.411	ppbv	98
62) Isopropylbenzene	14.027	105	44374m	0.120	ppbv	
72) 4-Ethyltoluene	15.198	105	68497	0.238	ppbv	# 92
73) 1,3,5-Trimethylbenzene	15.352	105	46323	0.187	ppbv	88
74) 1,2,4-Trimethylbenzene	16.108	105	185025	0.642	ppbv	# 68
79) Naphthalene	21.394	128	32209m	0.127	ppbv	

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

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