

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041437.D
 Acq On : 29 Jul 2024 20:25
 Operator : SY/MD
 Sample : P3342-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-02

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:53:56 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	5.192	49	1076480	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.655	114	2910344	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2719407	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2118775	10.124	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.729	85	100689	0.544	ppbv	99
4) Chloromethane	2.812	50	48192	0.707	ppbv	97
9) Propene	2.706	41	166921m	2.835	ppbv	
10) Heptane	7.584	43	296798	2.244	ppbv	96
11) Trichlorofluoromethane	3.565	101	34892	0.212	ppbv	93
13) Ethanol	3.246	45	6703312	1274.007	ppbv	94
15) Acetone	3.468	43	1251458	10.232	ppbv #	46
19) Isopropyl Alcohol	3.584	45	1948237	27.246	ppbv #	98
20) Methylene Chloride	3.935	84	264591	5.801	ppbv	98
26) Hexane	5.214	57	1436668	14.253	ppbv #	49
27) Carbon Disulfide	4.127	76	21963	0.186	ppbv #	57
29) Chloroform	5.272	83	22953	0.140	ppbv	90
30) Cyclohexane	6.603	84	142408	1.735	ppbv	94
34) 2-Butanone	4.787	43	241339	1.714	ppbv	97
35) Carbon Tetrachloride	6.494	117	9230m	0.057	ppbv	
36) Benzene	6.372	78	763233	3.589	ppbv	99
43) Methyl Methacrylate	7.475	69	52871	0.693	ppbv #	75
44) 2,2,4-Trimethylpentane	7.330	57	833248	2.346	ppbv #	82
52) Tetrachloroethene	10.622	164	10630m	0.129	ppbv	
53) Toluene	9.220	91	3004756	12.685	ppbv	99
58) Ethyl Benzene	12.092	91	860980	2.747	ppbv	97
59) m/p-Xylene	12.343	91	1237086	4.572	ppbv	97
60) o-Xylene	13.056	91	470594	1.839	ppbv	100
61) Styrene	12.896	104	460062	3.984	ppbv	99
62) Isopropylbenzene	14.034	105	36321m	0.093	ppbv	
64) n-propylbenzene	14.918	120	11103m	0.109	ppbv	
72) 4-Ethyltoluene	15.195	105	58992m	0.196	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	44497m	0.171	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	168842	0.559	ppbv #	68

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

