

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041431.D
 Acq On : 29 Jul 2024 16:18
 Operator : SY/MD
 Sample : P3342-10 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-04

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:51:05 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	5.189	49	1126191	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	3050774	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2833411	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2210530	10.138	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	38976	0.201	ppbv	100
10) Heptane	7.577	43	171134	1.237	ppbv	97
11) Trichlorofluoromethane	3.558	101	40976	0.238	ppbv	97
13) Ethanol	3.234	45	608208	110.491	ppbv	92
15) Acetone	3.462	43	1024510m	8.007	ppbv	
19) Isopropyl Alcohol	3.578	45	145888m	1.950	ppbv	
20) Methylene Chloride	3.931	84	1346398	28.217	ppbv	98
26) Hexane	5.211	57	1406848	13.341	ppbv #	38
30) Cyclohexane	6.603	84	41304	0.481	ppbv	90
32) 1,1,1-Trichloroethane	6.002	97	167055	0.998	ppbv	97
34) 2-Butanone	4.787	43	66489	0.451	ppbv #	90
36) Benzene	6.369	78	318731	1.430	ppbv	97
44) 2,2,4-Trimethylpentane	7.330	57	278842m	0.749	ppbv	
52) Tetrachloroethene	10.616	164	25648m	0.298	ppbv	
53) Toluene	9.221	91	1936943	7.801	ppbv	99
58) Ethyl Benzene	12.089	91	364728	1.117	ppbv	96
59) m/p-Xylene	12.343	91	1113775	3.951	ppbv	96
60) o-Xylene	13.060	91	351084	1.316	ppbv	100
61) Styrene	12.902	104	31316m	0.260	ppbv	
64) n-propylbenzene	14.915	120	14876m	0.140	ppbv	
72) 4-Ethyltoluene	15.195	105	87119	0.277	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.349	105	57781m	0.214	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	220168	0.700	ppbv #	71

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

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