

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040324.D
 Acq On : 10 Apr 2023 14:27
 Operator : SY/MD
 Sample : 02229-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 14:18:07 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	976671	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.623	114	2428816	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2255176	10.000	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1906355 10.094 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	17149	0.089	ppbv	96
9) Propene	2.668	41	227547	4.836	ppbv	88
10) Heptane	7.545	43	24208	0.214	ppbv	90
11) Trichlorofluoromethane	3.533	101	9771	0.056	ppbv #	76
13) Ethanol	3.214	45	147174	42.650	ppbv	99
15) Acetone	3.433	43	5589829	47.012	ppbv	95
17) tert-Butyl alcohol	3.861	59	34977	0.310	ppbv #	89
19) Isopropyl Alcohol	3.549	45	148652	2.610	ppbv #	90
20) Methylene Chloride	3.902	84	272811	5.454	ppbv	99
26) Hexane	5.182	57	149855	1.640	ppbv #	40
27) Carbon Disulfide	4.095	76	32123	0.252	ppbv #	90
34) 2-Butanone	4.751	43	1397193	11.656	ppbv	100
36) Benzene	6.340	78	52593	0.284	ppbv	99
41) Tetrahydrofuran	5.526	42	626607	9.057	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	51341m	0.277	ppbv	
52) Tetrachloroethene	10.587	164	803076	14.341	ppbv	93
53) Toluene	9.195	91	155601	0.802	ppbv	98
58) Ethyl Benzene	12.063	91	63286m	0.246	ppbv	
59) m/p-Xylene	12.317	91	222332	0.945	ppbv	95
60) o-Xylene	13.037	91	110776	0.493	ppbv	99
61) Styrene	12.873	104	22108m	0.194	ppbv	
69) p-Isopropyltoluene	16.976	119	52574m	0.171	ppbv	
73) 1,3,5-Trimethylbenzene	15.323	105	24940m	0.112	ppbv	
74) 1,2,4-Trimethylbenzene	16.082	105	96177m	0.379	ppbv	

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

Manual Integrations

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