

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040516.D
 Acq On : 10 Jul 2023 21:12
 Operator : SY/MD
 Sample : 03535-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 02:10:45 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

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

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	926986	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2367245	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2022078	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1550300	9.687	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	80492	0.434	ppbv	97
3) Chlorodifluoromethane	2.681	51	140047	0.953	ppbv	95
4) Chloromethane	2.822	50	33311	0.572	ppbv	100
9) Propene	2.706	41	62546	1.243	ppbv #	76
10) Heptane	7.590	43	25754m	0.232	ppbv	
11) Trichlorofluoromethane	3.568	101	46638	0.312	ppbv	93
13) Ethanol	3.243	45	148802	13.596	ppbv	99
15) Acetone	3.472	43	928343	8.700	ppbv	97
17) tert-Butyl alcohol	3.896	59	25700	0.233	ppbv #	91
20) Methylene Chloride	3.938	84	281401	6.200	ppbv	97
26) Hexane	5.214	57	181888	1.927	ppbv #	41
29) Chloroform	5.275	83	12780m	0.082	ppbv	
34) 2-Butanone	4.796	43	56894	0.486	ppbv	91
35) Carbon Tetrachloride	6.491	117	11157	0.078	ppbv #	64
36) Benzene	6.378	78	56396	0.296	ppbv #	92
44) 2,2,4-Trimethylpentane	7.327	57	76433m	0.249	ppbv	
52) Tetrachloroethene	10.616	164	8767m	0.142	ppbv	
53) Toluene	9.224	91	478880	2.315	ppbv	98
58) Ethyl Benzene	12.092	91	69772	0.275	ppbv	94
59) m/p-Xylene	12.349	91	219658	0.970	ppbv	97
60) o-Xylene	13.060	91	106582	0.494	ppbv	93
61) Styrene	12.905	104	56702	0.570	ppbv #	85
69) p-Isopropyltoluene	16.995	119	80152m	0.231	ppbv	
73) 1,3,5-Trimethylbenzene	15.358	105	35925	0.161	ppbv	94
74) 1,2,4-Trimethylbenzene	16.117	105	148077m	0.570	ppbv	

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

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