

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040906.D
 Acq On : 27 Nov 2023 13:45
 Operator : SY/MD
 Sample : 05520-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 04:37:34 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Tue Nov 28 04:31:59 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.230	49	1219188	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2773772	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2446840	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1956530	10.213	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%
Target Compounds						
					Qvalue	
4) Chloromethane	2.864	50	14066	0.201	ppbv	92
5) Vinyl Chloride	2.973	62	3388m	0.049	ppbv	
9) Propene	2.748	41	515087	7.852	ppbv	93
10) Heptane	7.606	43	50033m	0.310	ppbv	
13) Ethanol	3.288	45	276562m	21.711	ppbv	
15) Acetone	3.517	43	1552253	11.954	ppbv	91
17) tert-Butyl alcohol	3.935	59	88549	0.797	ppbv	99
19) Isopropyl Alcohol	3.629	45	51551m	0.660	ppbv	
20) Methylene Chloride	3.983	84	1999863	37.320	ppbv	95
26) Hexane	5.253	57	1076654	9.048	ppbv #	44
27) Carbon Disulfide	4.169	76	57004m	0.378	ppbv	
30) Cyclohexane	6.639	84	12205m	0.119	ppbv	
34) 2-Butanone	4.822	43	2123827	15.030	ppbv	97
36) Benzene	6.401	78	63698m	0.283	ppbv	
41) Tetrahydrofuran	5.613	42	25057m	0.288	ppbv	
44) 2,2,4-Trimethylpentane	7.356	57	645984	1.727	ppbv #	87
50) 4-Methyl-2-Pentanone	8.217	43	87338m	0.399	ppbv	
51) 2-Hexanone	9.581	43	290617	1.885	ppbv #	100
52) Tetrachloroethene	10.639	164	6638m	0.088	ppbv	
53) Toluene	9.240	91	723540	2.921	ppbv	99
58) Ethyl Benzene	12.108	91	376523	1.179	ppbv	95
59) m/p-Xylene	12.362	91	1162148	4.275	ppbv	99
60) o-Xylene	13.076	91	433696	1.676	ppbv	98
62) Isopropylbenzene	14.047	105	210473	0.550	ppbv	95
64) n-propylbenzene	14.928	120	34032m	0.355	ppbv	
72) 4-Ethyltoluene	15.211	105	160231m	0.563	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	118628m	0.471	ppbv	
74) 1,2,4-Trimethylbenzene	16.127	105	318684m	1.135	ppbv	

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

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Quant Time: Nov 28 04:37:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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