

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040370.D
 Acq On : 13 Apr 2023 23:06
 Operator : SY/MD
 Sample : 02332-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-19-20230412

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 09:27:58 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	1020767	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2582284	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2491468	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2074687	10.070	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.719	85	43731	0.238	ppbv	89
3) Chlorodifluoromethane	2.661	51	19679m	0.148	ppbv	
4) Chloromethane	2.796	50	11453	0.136	ppbv	98
9) Propene	2.684	41	4194523	79.599	ppbv	94
10) Heptane	7.584	43	326530	2.727	ppbv	100
11) Trichlorofluoromethane	3.552	101	22894	0.123	ppbv	96
13) Ethanol	3.227	45	262564	59.686	ppbv	97
15) Acetone	3.456	43	3298191	22.813	ppbv	100
17) tert-Butyl alcohol	3.874	59	271918	2.048	ppbv	96
19) Isopropyl Alcohol	3.568	45	70546	1.069	ppbv #	90
20) Methylene Chloride	3.925	84	27361	0.474	ppbv	89
26) Hexane	5.208	57	502803	4.903	ppbv #	35
27) Carbon Disulfide	4.121	76	92878	0.700	ppbv #	94
30) Cyclohexane	6.603	84	44615	0.562	ppbv #	85
34) 2-Butanone	4.784	43	685814	4.925	ppbv	99
36) Benzene	6.372	78	622938	2.957	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	595943	1.693	ppbv #	67
50) 4-Methyl-2-Pentanone	8.208	43	43180m	0.205	ppbv	
52) Tetrachloroethene	10.613	164	3893m	0.059	ppbv	
53) Toluene	9.227	91	1885398	8.441	ppbv	100
58) Ethyl Benzene	12.102	91	610891	1.993	ppbv	100
59) m/p-Xylene	12.356	91	1729037	6.135	ppbv	96
60) o-Xylene	13.069	91	517483	1.913	ppbv	100
73) 1,3,5-Trimethylbenzene	15.368	105	35668m	0.129	ppbv	
74) 1,2,4-Trimethylbenzene	16.124	105	140880	0.447	ppbv #	63
75) 1,3-Dichlorobenzene	16.346	146	29222	0.169	ppbv	80

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

