

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040971.D
 Acq On : 15 Jan 2024 15:34
 Operator : SY/MD
 Sample : P1138-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/16/2024
 Supervised By :Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 03:36:48 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Tue Jan 16 03:31:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1157774	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.645	114	2841630	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2410139	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1777142	10.011	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	115279	0.523	ppbv	99
4) Chloromethane	2.829	50	34948	0.544	ppbv	93
9) Propene	2.719	41	552565m	9.612	ppbv	
10) Heptane	7.571	43	169759	1.188	ppbv	97
11) Trichlorofluoromethane	3.571	101	42863	0.249	ppbv	84
13) Ethanol	3.247	45	515703	35.559	ppbv	98
15) Acetone	3.488	43	568506m	4.094	ppbv	
19) Isopropyl Alcohol	3.587	45	1785363	24.641	ppbv	99
20) Methylene Chloride	3.941	84	1456280	29.423	ppbv	96
26) Hexane	5.214	57	1598004	14.986	ppbv #	41
30) Cyclohexane	6.597	84	82034	0.923	ppbv	93
34) 2-Butanone	4.796	43	32092	0.213	ppbv #	90
35) Carbon Tetrachloride	6.488	117	12233m	0.069	ppbv	
36) Benzene	6.359	78	346956	1.562	ppbv	95
38) Trichloroethene	7.279	130	26021m	0.312	ppbv	
43) Methyl Methacrylate	7.465	69	80536m	0.924	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	362249	0.960	ppbv #	79
52) Tetrachloroethene	10.597	164	2843m	0.038	ppbv	
53) Toluene	9.205	91	1317856	5.350	ppbv	100
58) Ethyl Benzene	12.069	91	425891	1.376	ppbv	96
59) m/p-Xylene	12.327	91	1294508	4.916	ppbv #	100
60) o-Xylene	13.040	91	422330	1.702	ppbv	98
62) Isopropylbenzene	14.008	105	45317m	0.123	ppbv	
64) n-propylbenzene	14.889	120	11927m	0.129	ppbv	
72) 4-Ethyltoluene	15.172	105	67019	0.246	ppbv #	86
73) 1,3,5-Trimethylbenzene	15.333	105	50793	0.216	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.089	105	220100	0.842	ppbv #	65

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

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