

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011524\
 Data File : VL040972.D
 Acq On : 15 Jan 2024 16:15
 Operator : SY/MD
 Sample : P1138-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

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

Quant Time: Jan 16 03:37:32 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	5.189	49	1141882	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.645	114	2895763	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2414138	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1794605	10.092	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.745	85	108101	0.497	ppbv	100
4) Chloromethane	2.828	50	36485	0.576	ppbv #	79
9) Propene	2.716	41	469108m	8.274	ppbv	
10) Heptane	7.568	43	133447	0.947	ppbv	93
11) Trichlorofluoromethane	3.574	101	40877	0.240	ppbv	91
13) Ethanol	3.246	45	817867	57.179	ppbv	97
15) Acetone	3.478	43	397387m	2.902	ppbv	
19) Isopropyl Alcohol	3.584	45	1299875	18.190	ppbv	100
20) Methylene Chloride	3.941	84	226850	4.647	ppbv	99
25) Ethyl Acetate	5.208	43	517009	2.179	ppbv #	89
26) Hexane	5.211	57	456342	4.339	ppbv #	56
29) Chloroform	5.272	83	18814	0.106	ppbv #	78
30) Cyclohexane	6.594	84	60252	0.687	ppbv	91
31) cis-1,2-Dichloroethene	5.079	61	4797m	0.044	ppbv	
34) 2-Butanone	4.790	43	38352	0.250	ppbv #	91
35) Carbon Tetrachloride	6.481	117	13773m	0.076	ppbv	
36) Benzene	6.362	78	467433	2.065	ppbv	98
38) Trichloroethene	7.282	130	36972m	0.435	ppbv	
43) Methyl Methacrylate	7.465	69	27709	0.312	ppbv	86
44) 2,2,4-Trimethylpentane	7.314	57	299800	0.780	ppbv #	83
52) Tetrachloroethene	10.593	164	4344m	0.057	ppbv	
53) Toluene	9.204	91	1291938	5.147	ppbv	99
58) Ethyl Benzene	12.069	91	262049	0.845	ppbv	99
59) m/p-Xylene	12.326	91	789353	2.993	ppbv #	100
60) o-Xylene	13.037	91	293972	1.183	ppbv	97
61) Styrene	12.876	104	28199m	0.239	ppbv	
62) Isopropylbenzene	14.008	105	46876m	0.127	ppbv	
64) n-propylbenzene	14.896	120	12918m	0.140	ppbv	
72) 4-Ethyltoluene	15.169	105	79198	0.290	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.333	105	63209	0.269	ppbv	96
74) 1,2,4-Trimethylbenzene	16.088	105	256896	0.981	ppbv #	65

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

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