

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040926.D
 Acq On : 21 Dec 2023 12:17
 Operator : SY/MD
 Sample : 05813-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10311

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:05:37 2023

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 : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1166222	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2920835	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2421968	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1730804	9.702	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	118627	0.534	ppbv	98
3) Chlorodifluoromethane	2.674	51	192731	1.098	ppbv #	69
9) Propene	2.726	41	318015	5.492	ppbv #	77
10) Heptane	7.555	43	167559	1.164	ppbv	99
11) Trichlorofluoromethane	3.571	101	40822	0.235	ppbv	93
13) Ethanol	3.250	45	1370274	93.800	ppbv	98
15) Acetone	3.475	43	1453528	10.392	ppbv	98
19) Isopropyl Alcohol	3.584	45	6815306	93.381	ppbv #	97
20) Methylene Chloride	3.938	84	186735	3.745	ppbv	97
25) Ethyl Acetate	5.198	43	335148	1.383	ppbv #	92
26) Hexane	5.205	57	277023	2.579	ppbv #	59
27) Carbon Disulfide	4.127	76	76863	0.529	ppbv #	91
28) Methyl tert-Butyl Ether	4.584	73	31176	0.313	ppbv #	91
29) Chloroform	5.269	83	18126	0.100	ppbv	96
30) Cyclohexane	6.587	84	59246	0.662	ppbv	91
34) 2-Butanone	4.787	43	99904	0.647	ppbv	95
35) Carbon Tetrachloride	6.475	117	10639	0.058	ppbv #	77
36) Benzene	6.352	78	172621	0.756	ppbv	94
44) 2,2,4-Trimethylpentane	7.304	57	369504m	0.953	ppbv	
53) Toluene	9.195	91	766069	3.026	ppbv	99
58) Ethyl Benzene	12.060	91	187019m	0.601	ppbv	
59) m/p-Xylene	12.310	91	531458	2.008	ppbv #	100
60) o-Xylene	13.024	91	170506	0.684	ppbv	99
72) 4-Ethyltoluene	15.156	105	36212	0.132	ppbv #	52
73) 1,3,5-Trimethylbenzene	15.320	105	48518m	0.205	ppbv	
74) 1,2,4-Trimethylbenzene	16.076	105	156713m	0.596	ppbv	

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

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