

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040768.D
 Acq On : 11 Oct 2023 23:10
 Operator : SY/MD
 Sample : 04827-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 12 00:29:19 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	912140	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2516303	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2254386	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1643574	9.908	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.761	85	81391	0.507	ppbv	99
3) Chlorodifluoromethane	2.709	51	37241m	0.278	ppbv	
4) Chloromethane	2.844	50	25063	0.473	ppbv	94
9) Propene	2.735	41	69958m	1.405	ppbv	
10) Heptane	7.587	43	22333m	0.179	ppbv	
11) Trichlorofluoromethane	3.587	101	28225	0.228	ppbv	99
13) Ethanol	3.279	45	5538226	492.749	ppbv	99
15) Acetone	3.491	43	1027127	10.892	ppbv	97
19) Isopropyl Alcohol	3.619	45	20877238	343.929	ppbv #	38
20) Methylene Chloride	3.954	84	256813	6.538	ppbv	98
25) Ethyl Acetate	5.230	43	228937	1.108	ppbv #	86
26) Hexane	5.233	57	294584	3.120	ppbv #	45
27) Carbon Disulfide	4.147	76	4252057	40.812	ppbv	99
29) Chloroform	5.288	83	33783	0.247	ppbv	99
30) Cyclohexane	6.619	84	11055m	0.138	ppbv	
34) 2-Butanone	4.809	43	53940	0.474	ppbv	93
35) Carbon Tetrachloride	6.507	117	18571m	0.131	ppbv	
36) Benzene	6.385	78	49872	0.258	ppbv	93
44) 2,2,4-Trimethylpentane	7.336	57	41435	0.127	ppbv #	86
52) Tetrachloroethene	10.613	164	10441m	0.133	ppbv	
53) Toluene	9.230	91	169420	0.736	ppbv	100
58) Ethyl Benzene	12.092	91	55885	0.197	ppbv	93
59) m/p-Xylene	12.349	91	151948m	0.650	ppbv	
60) o-Xylene	13.063	91	50674	0.228	ppbv	96
74) 1,2,4-Trimethylbenzene	16.111	105	51555	0.206	ppbv #	77

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

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