

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037930.D
 Acq On : 28 Oct 2021 00:05
 Operator : SY/AP
 Sample : M4377-03DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 FIRE-PUMP-ROOM-1ADUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 12:59:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1302863	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3770450	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3096587	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2144540	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	36226	0.174	ppbv	92
9) Propene	3.04	41	135520m	1.471	ppbv	
10) Heptane	8.13	43	36493m	0.174	ppbv	
11) Trichlorofluoromethane	3.96	101	38650	0.208	ppbv	91
13) Ethanol	3.62	45	538866	71.536	ppbv	81
15) Acetone	3.86	43	2447860	20.929	ppbv	97
17) tert-Butyl alcohol	4.31	59	40307m	0.335	ppbv	
19) Isopropyl Alcohol	3.98	45	6560326	90.161	ppbv	99
20) Methylene Chloride	4.36	84	1966268	33.273	ppbv	97
26) Hexane	5.70	57	1928775	11.935	ppbv #	46
30) Cyclohexane	7.14	84	45067m	0.329	ppbv	
34) 2-Butanone	5.26	43	107733	0.708	ppbv	99
35) Carbon Tetrachloride	7.02	117	12867m	0.060	ppbv	
36) Benzene	6.90	78	46538m	0.145	ppbv	
41) Tetrahydrofuran	6.07	42	57593m	0.773	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	68737m	0.127	ppbv	
52) Tetrachloroethene	11.22	164	5719m	0.046	ppbv	
53) Toluene	9.81	91	205347	0.575	ppbv	95
58) Ethyl Benzene	12.72	91	42958m	0.103	ppbv	
59) m/p-Xylene	12.98	91	149232m	0.418	ppbv	
60) o-Xylene	13.69	91	62948m	0.184	ppbv	
61) Styrene	13.54	104	35837m	0.217	ppbv	

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

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