

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037831.D
 Acq On : 12 Oct 2021 15:56
 Operator : SY/AP
 Sample : M4079-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 C0P47

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 01:34:32 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	5.66	49	1265309	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3732311	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3255836	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2285325	10.04	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	34453m	0.170	ppbv	
3) Chlorodifluoromethane	2.99	51	39367	0.162	ppbv	98
9) Propene	3.01	41	50559	0.565	ppbv	91
11) Trichlorofluoromethane	3.95	101	40869m	0.227	ppbv	
13) Ethanol	3.61	45	97224	13.290	ppbv	99
15) Acetone	3.84	43	1152218	10.144	ppbv #	88
17) tert-Butyl alcohol	4.30	59	71903m	0.615	ppbv	
19) Isopropyl Alcohol	3.98	45	32079m	0.454	ppbv	
20) Methylene Chloride	4.34	84	216893	3.779	ppbv	93
26) Hexane	5.68	57	163977	1.045	ppbv #	45
27) Carbon Disulfide	4.55	76	29397m	0.211	ppbv	
29) Chloroform	5.74	83	276848	1.234	ppbv	97
34) 2-Butanone	5.25	43	240367	1.595	ppbv	94
36) Benzene	6.89	78	39834m	0.125	ppbv	
52) Tetrachloroethene	11.21	164	2357602	19.009	ppbv	98
53) Toluene	9.80	91	60558	0.171	ppbv	99
58) Ethyl Benzene	12.71	91	253519	0.580	ppbv	92
59) m/p-Xylene	12.96	91	953211	2.540	ppbv	94
60) o-Xylene	13.68	91	315743	0.878	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	86998m	0.223	ppbv	
79) Naphthalene	22.18	128	56969m	0.239	ppbv	

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

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