

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037915.D
 Acq On : 27 Oct 2021 14:19
 Operator : SY/AP
 Sample : M4377-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VMP-5-IMPLANT

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 12:48:10 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	5.69	49	1387164	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	4103001	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3360781	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2435998	10.37	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	48482	0.219	ppbv	99
9) Propene	3.04	41	243453m	2.482	ppbv	
10) Heptane	8.14	43	60587m	0.272	ppbv	
11) Trichlorofluoromethane	3.96	101	41040m	0.208	ppbv	
13) Ethanol	3.62	45	3388725	422.521	ppbv	79
15) Acetone	3.86	43	2395243	19.235	ppbv	97
17) tert-Butyl alcohol	4.32	59	108054m	0.843	ppbv	
19) Isopropyl Alcohol	3.99	45	2432295	31.396	ppbv #	98
20) Methylene Chloride	4.36	84	314200	4.994	ppbv	97
26) Hexane	5.71	57	297166	1.727	ppbv #	49
29) Chloroform	5.77	83	28724m	0.117	ppbv	
30) Cyclohexane	7.15	84	50389m	0.345	ppbv	
34) 2-Butanone	5.27	43	213282	1.288	ppbv	99
35) Carbon Tetrachloride	7.03	117	15113m	0.065	ppbv	
36) Benzene	6.91	78	64643m	0.184	ppbv	
41) Tetrahydrofuran	6.08	42	48435m	0.597	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	98290	0.167	ppbv #	35
52) Tetrachloroethene	11.25	164	9980m	0.073	ppbv	
53) Toluene	9.83	91	334594	0.862	ppbv	99
58) Ethyl Benzene	12.73	91	65628m	0.145	ppbv	
59) m/p-Xylene	12.99	91	287983m	0.743	ppbv	
60) o-Xylene	13.71	91	106993	0.288	ppbv	98
61) Styrene	13.55	104	83482	0.465	ppbv	96
74) 1,2,4-Trimethylbenzene	16.78	105	116244	0.289	ppbv #	70
79) Naphthalene	22.21	128	36524m	0.148	ppbv	

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

