

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037842.D
 Acq On : 12 Oct 2021 23:11
 Operator : SY/AP
 Sample : M4079-16
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 C0P05

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 02:20:50 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	1362568	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3861620	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3312398	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2368673	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	38886	0.179	ppbv	99
3) Chlorodifluoromethane	2.98	51	52574m	0.201	ppbv	
4) Chloromethane	3.14	50	35539	0.371	ppbv	97
9) Propene	3.01	41	128602	1.335	ppbv	93
10) Heptane	8.11	43	44093m	0.202	ppbv	
11) Trichlorofluoromethane	3.95	101	40320m	0.208	ppbv	
13) Ethanol	3.61	45	719448	91.323	ppbv	78
15) Acetone	3.84	43	6807596	55.655	ppbv	98
17) tert-Butyl alcohol	4.29	59	124183	0.986	ppbv	95
19) Isopropyl Alcohol	3.97	45	347316	4.564	ppbv #	96
20) Methylene Chloride	4.34	84	558080	9.030	ppbv	91
26) Hexane	5.68	57	419623	2.483	ppbv #	26
27) Carbon Disulfide	4.54	76	22113m	0.148	ppbv	
29) Chloroform	5.75	83	210038	0.869	ppbv	98
34) 2-Butanone	5.24	43	1638784	10.512	ppbv	99
35) Carbon Tetrachloride	7.02	117	8630m	0.039	ppbv	
36) Benzene	6.88	78	111560	0.338	ppbv	95
37) 1,2-Dichloroethane	6.30	62	130433	0.840	ppbv	100
38) Trichloroethene	7.83	130	54228m	0.416	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	98236m	0.177	ppbv	
51) 2-Hexanone	10.14	43	117509m	1.297	ppbv	
52) Tetrachloroethene	11.22	164	3449284	26.879	ppbv	97
53) Toluene	9.80	91	2105933	5.761	ppbv	100
58) Ethyl Benzene	12.70	91	172856m	0.389	ppbv	
59) m/p-Xylene	12.96	91	518997m	1.359	ppbv	
60) o-Xylene	13.69	91	199494m	0.545	ppbv	
61) Styrene	13.51	104	76139	0.430	ppbv	96
74) 1,2,4-Trimethylbenzene	16.74	105	86149m	0.217	ppbv	

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

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