

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037918.D
 Acq On : 27 Oct 2021 16:22
 Operator : SY/AP
 Sample : M4377-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VMP-5-MANIFOLDDUP

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 12:56:08 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	1285361	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3691341	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	3201646	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2152785	9.62	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	32979m	0.161	ppbv	
9) Propene	3.04	41	3194910m	35.157	ppbv	
10) Heptane	8.14	43	45584	0.221	ppbv	92
11) Trichlorofluoromethane	3.96	101	53860	0.294	ppbv	84
13) Ethanol	3.62	45	5786171	778.585	ppbv	81
15) Acetone	3.86	43	1072604m	9.296	ppbv	
17) tert-Butyl alcohol	4.31	59	61979m	0.522	ppbv	
19) Isopropyl Alcohol	3.99	45	2553857	35.576	ppbv #	97
20) Methylene Chloride	4.36	84	319194	5.475	ppbv	98
26) Hexane	5.71	57	305489	1.916	ppbv #	47
29) Chloroform	5.77	83	646824	2.838	ppbv	99
30) Cyclohexane	7.14	84	16723m	0.124	ppbv	
34) 2-Butanone	5.26	43	217770	1.461	ppbv	94
35) Carbon Tetrachloride	7.03	117	14385m	0.069	ppbv	
36) Benzene	6.91	78	55074m	0.175	ppbv	
41) Tetrahydrofuran	6.08	42	116214m	1.593	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	125232m	0.236	ppbv	
52) Tetrachloroethene	11.24	164	9831m	0.080	ppbv	
53) Toluene	9.83	91	331532	0.949	ppbv	98
58) Ethyl Benzene	12.73	91	73118m	0.170	ppbv	
59) m/p-Xylene	12.98	91	229499m	0.622	ppbv	
60) o-Xylene	13.71	91	86772m	0.245	ppbv	
61) Styrene	13.55	104	21716m	0.127	ppbv	

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

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