

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037230.D
 Acq On : 22 Jun 2021 23:53
 Operator : SY/AP
 Sample : M2797-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:33:28 PM

Quant Time: Jun 23 07:37:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1864415	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5187537	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4738632	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3528865	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	3584690	9.888	ppbv	100
9) Propene	3.01	41	3799190	32.775	ppbv	96
10) Heptane	8.12	43	249722	0.890	ppbv	97
13) Ethanol	3.61	45	509854	28.434	ppbv	49
15) Acetone	3.84	43	15083752	71.743	ppbv #	81
17) tert-Butyl alcohol	4.30	59	285690	1.470	ppbv	98
20) Methylene Chloride	4.35	84	126318	1.004	ppbv	97
26) Hexane	5.68	57	225161m	0.979	ppbv	
27) Carbon Disulfide	4.55	76	635557	2.820	ppbv	99
30) Cyclohexane	7.13	84	65478	0.342	ppbv #	61
34) 2-Butanone	5.24	43	20834006	103.267	ppbv #	80
36) Benzene	6.89	78	13431605	32.020	ppbv #	86
41) Tetrahydrofuran	6.06	42	90119m	0.962	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	375602	1.355	ppbv	100
51) 2-Hexanone	10.13	43	2811888	20.855	ppbv #	100
52) Tetrachloroethene	11.22	164	605125	3.105	ppbv	97
53) Toluene	9.81	91	5980761	11.936	ppbv	99
58) Ethyl Benzene	12.71	91	593693	0.910	ppbv	95
59) m/p-Xylene	12.97	91	1069729	1.935	ppbv	97
60) o-Xylene	13.69	91	313953	0.596	ppbv	98
72) 4-Ethyltoluene	15.84	105	133653m	0.224	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	81978	0.142	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	347906m	0.584	ppbv	

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

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