

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037187.D
 Acq On : 17 Jun 2021 2:12
 Operator : SY/AP
 Sample : M2721-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-BEDROOM-2

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:33 PM

Quant Time: Jun 17 15:56:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 15:56:43 2021
 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	1517343	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4483957	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4001097	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3160850	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	54112	0.205	ppbv	99
4) Chloromethane	3.14	50	63316	0.644	ppbv	94
10) Heptane	8.12	43	78490	0.344	ppbv	98
11) Trichlorofluoromethane	3.95	101	53636	0.190	ppbv	97
13) Ethanol	3.61	45	2643020	181.111	ppbv	48
15) Acetone	3.84	43	3873738m	22.639	ppbv	
17) tert-Butyl alcohol	4.30	59	687820	4.349	ppbv	100
19) Isopropyl Alcohol	3.97	45	727107	7.016	ppbv #	1
20) Methylene Chloride	4.34	84	789855	7.711	ppbv	97
25) Ethyl Acetate	5.67	43	6149497	16.601	ppbv	99
26) Hexane	5.68	57	2739298m	14.632	ppbv	
27) Carbon Disulfide	4.56	76	45524	0.248	ppbv #	91
30) Cyclohexane	7.13	84	434699	2.787	ppbv	86
34) 2-Butanone	5.24	43	908210	5.208	ppbv	98
35) Carbon Tetrachloride	7.01	117	14732m	0.049	ppbv	
36) Benzene	6.89	78	57965	0.160	ppbv	100
37) 1,2-Dichloroethane	6.31	62	23376m	0.111	ppbv	
41) Tetrahydrofuran	6.05	42	78329	0.967	ppbv #	81
44) 2,2,4-Trimethylpentane	7.87	57	125168m	0.205	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	35459m	0.148	ppbv	
53) Toluene	9.81	91	1594489	3.681	ppbv	98
58) Ethyl Benzene	12.71	91	417340	0.758	ppbv	96
59) m/p-Xylene	12.97	91	1233214	2.642	ppbv	97
60) o-Xylene	13.69	91	522794	1.176	ppbv	99
61) Styrene	13.53	104	6715531	29.276	ppbv	96
62) Isopropylbenzene	14.66	105	127458	0.202	ppbv	99
64) n-propylbenzene	15.56	120	62141m	0.393	ppbv	
65) tert-Butylbenzene	16.77	119	120445	0.215	ppbv #	65
67) sec-Butylbenzene	17.30	105	89610	0.120	ppbv	96
69) p-Isopropyltoluene	17.65	119	115597	0.183	ppbv	94
70) n-Butylbenzene	18.56	91	153895	0.263	ppbv #	53
72) 4-Ethyltoluene	15.84	105	289983	0.574	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	338679	0.694	ppbv	90
74) 1,2,4-Trimethylbenzene	16.76	105	1014864	2.018	ppbv #	73
76) 1,4-Dichlorobenzene	17.14	146	53985m	0.177	ppbv	
79) Naphthalene	22.20	128	40304m	0.096	ppbv	

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

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