

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037188.D
 Acq On : 17 Jun 2021 2:53
 Operator : SY/AP
 Sample : M2721-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-BEDROOM-3

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 15:58:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 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	1544939	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4502749	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4074638	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3196446	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	63021	0.235	ppbv	99
4) Chloromethane	3.14	50	60981	0.609	ppbv	99
10) Heptane	8.12	43	86211	0.371	ppbv	97
11) Trichlorofluoromethane	3.95	101	52387	0.183	ppbv	85
13) Ethanol	3.61	45	5253612	353.570	ppbv	46
15) Acetone	3.84	43	4667915m	26.793	ppbv	
17) tert-Butyl alcohol	4.30	59	536911	3.334	ppbv	95
19) Isopropyl Alcohol	3.97	45	1152225	10.919	ppbv #	1
20) Methylene Chloride	4.34	84	166108	1.593	ppbv	93
25) Ethyl Acetate	5.67	43	6560630	17.395	ppbv #	94
26) Hexane	5.68	57	1393566m	7.311	ppbv	
27) Carbon Disulfide	4.55	76	68936	0.369	ppbv	98
30) Cyclohexane	7.13	84	405151	2.551	ppbv	89
34) 2-Butanone	5.24	43	1013326	5.787	ppbv	98
35) Carbon Tetrachloride	7.02	117	13808m	0.046	ppbv	
36) Benzene	6.89	78	38657	0.106	ppbv	95
37) 1,2-Dichloroethane	6.31	62	33048m	0.156	ppbv	
41) Tetrahydrofuran	6.05	42	83428	1.026	ppbv #	85
50) 4-Methyl-2-Pentanone	8.75	43	43347m	0.180	ppbv	
53) Toluene	9.81	91	1164216	2.677	ppbv	99
58) Ethyl Benzene	12.71	91	536794	0.957	ppbv	95
59) m/p-Xylene	12.97	91	1595054	3.356	ppbv	98
60) o-Xylene	13.69	91	678011	1.498	ppbv	99
61) Styrene	13.53	104	6593228	28.224	ppbv	96
62) Isopropylbenzene	14.67	105	156750	0.244	ppbv	100
64) n-propylbenzene	15.56	120	73745	0.458	ppbv	79
65) tert-Butylbenzene	16.77	119	134887	0.236	ppbv #	62
67) sec-Butylbenzene	17.29	105	119744m	0.157	ppbv	
69) p-Isopropyltoluene	17.65	119	177665m	0.276	ppbv	
70) n-Butylbenzene	18.55	91	231169m	0.388	ppbv	
72) 4-Ethyltoluene	15.84	105	346150	0.673	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	380088	0.765	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	1214123	2.371	ppbv #	74
76) 1,4-Dichlorobenzene	17.14	146	90441	0.291	ppbv #	1

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

