

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037189.D
 Acq On : 17 Jun 2021 3:35
 Operator : SY/AP
 Sample : M2721-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-BEDROOM-4

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:40 PM

Quant Time: Jun 17 16:00:24 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	1515917	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4393628	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3937513	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3086708	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	3.04	85	49056	0.186	ppbv	99
4) Chloromethane	3.14	50	61842	0.630	ppbv #	87
10) Heptane	8.12	43	79432	0.348	ppbv	99
11) Trichlorofluoromethane	3.95	101	50759	0.180	ppbv	86
13) Ethanol	3.61	45	3044796	208.839	ppbv	47
15) Acetone	3.84	43	3766122m	22.031	ppbv	
17) tert-Butyl alcohol	4.30	59	756347	4.787	ppbv	97
19) Isopropyl Alcohol	3.97	45	816641	7.887	ppbv #	1
20) Methylene Chloride	4.34	84	621767	6.075	ppbv	96
25) Ethyl Acetate	5.67	43	6285334	16.984	ppbv	98
26) Hexane	5.68	57	2453065m	13.115	ppbv	
27) Carbon Disulfide	4.55	76	52692	0.288	ppbv #	82
30) Cyclohexane	7.13	84	446821	2.867	ppbv	91
34) 2-Butanone	5.24	43	994589	5.821	ppbv	99
35) Carbon Tetrachloride	7.02	117	14496m	0.049	ppbv	
36) Benzene	6.89	78	61054	0.172	ppbv	97
37) 1,2-Dichloroethane	6.31	62	25514m	0.124	ppbv	
41) Tetrahydrofuran	6.06	42	92863	1.170	ppbv	94
44) 2,2,4-Trimethylpentane	7.87	57	120853	0.202	ppbv #	68
50) 4-Methyl-2-Pentanone	8.75	43	36007m	0.153	ppbv	
53) Toluene	9.81	91	1521514	3.585	ppbv	98
58) Ethyl Benzene	12.71	91	463662	0.855	ppbv	99
59) m/p-Xylene	12.97	91	1387717	3.021	ppbv	97
60) o-Xylene	13.69	91	604656	1.382	ppbv	100
61) Styrene	13.53	104	7332221	32.480	ppbv	96
62) Isopropylbenzene	14.67	105	146135	0.235	ppbv	100
64) n-propylbenzene	15.57	120	72118	0.463	ppbv	87
65) tert-Butylbenzene	16.77	119	134112	0.243	ppbv #	62
67) sec-Butylbenzene	17.30	105	102395	0.139	ppbv	98
69) p-Isopropyltoluene	17.65	119	139862m	0.225	ppbv	
70) n-Butylbenzene	18.56	91	165265	0.287	ppbv #	51
72) 4-Ethyltoluene	15.84	105	312321	0.629	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	392546	0.817	ppbv	94
74) 1,2,4-Trimethylbenzene	16.76	105	1161275	2.346	ppbv #	73
76) 1,4-Dichlorobenzene	17.14	146	61055m	0.203	ppbv	
79) Naphthalene	22.21	128	47212m	0.114	ppbv	

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

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