

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037186.D
 Acq On : 17 Jun 2021 1:30
 Operator : SY/AP
 Sample : M2721-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:30 PM

Quant Time: Jun 17 15:55:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 17 15:55:23 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	5.66	49	1563129	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4609919	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4159495	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3270834	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	61541	0.226	ppbv	99
4) Chloromethane	3.14	50	54661	0.540	ppbv	95
10) Heptane	8.12	43	78941	0.335	ppbv	97
11) Trichlorofluoromethane	3.95	101	55446	0.191	ppbv	96
13) Ethanol	3.61	45	3250472	216.212	ppbv	47
15) Acetone	3.84	43	3884629m	22.038	ppbv	
17) tert-Butyl alcohol	4.30	59	761372	4.673	ppbv	96
19) Isopropyl Alcohol	3.98	45	791457	7.413	ppbv #	1
20) Methylene Chloride	4.34	84	917176	8.691	ppbv	98
25) Ethyl Acetate	5.67	43	5590120	14.649	ppbv	98
26) Hexane	5.69	57	2111896m	10.950	ppbv	
27) Carbon Disulfide	4.55	76	48550	0.257	ppbv #	76
30) Cyclohexane	7.13	84	383352	2.386	ppbv #	84
34) 2-Butanone	5.24	43	924057	5.154	ppbv	99
35) Carbon Tetrachloride	7.02	117	14056m	0.045	ppbv	
36) Benzene	6.89	78	53932	0.145	ppbv #	86
41) Tetrahydrofuran	6.06	42	63400	0.761	ppbv #	66
44) 2,2,4-Trimethylpentane	7.86	57	97958	0.156	ppbv #	66
53) Toluene	9.81	91	1070183	2.403	ppbv	98
58) Ethyl Benzene	12.71	91	449947	0.786	ppbv	94
59) m/p-Xylene	12.97	91	1359029	2.801	ppbv	98
60) o-Xylene	13.69	91	590404	1.278	ppbv	98
61) Styrene	13.53	104	6892715	28.904	ppbv	97
62) Isopropylbenzene	14.66	105	152901m	0.233	ppbv	
64) n-propylbenzene	15.57	120	73209	0.445	ppbv	79
65) tert-Butylbenzene	16.76	119	135722m	0.233	ppbv	
67) sec-Butylbenzene	17.30	105	110758	0.143	ppbv	95
69) p-Isopropyltoluene	17.66	119	144102m	0.220	ppbv	
70) n-Butylbenzene	18.55	91	222092m	0.366	ppbv	
72) 4-Ethyltoluene	15.84	105	336610	0.641	ppbv	97
73) 1,3,5-Trimethylbenzene	16.00	105	400147m	0.789	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	1153636	2.207	ppbv #	73
76) 1,4-Dichlorobenzene	17.13	146	61416	0.193	ppbv #	1

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

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