

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037183.D
 Acq On : 16 Jun 2021 23:25
 Operator : SY/AP
 Sample : M2721-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-PLAYROOM-1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:24 PM

Quant Time: Jun 17 15:46:01 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	1516892	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4465515	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4036418	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3203076	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	58401	0.221	ppbv	91
4) Chloromethane	3.14	50	56002	0.570	ppbv	95
10) Heptane	8.12	43	77359m	0.339	ppbv	
11) Trichlorofluoromethane	3.95	101	54487	0.194	ppbv	95
13) Ethanol	3.61	45	3105673	212.877	ppbv	47
15) Acetone	3.84	43	3917199m	22.900	ppbv	
17) tert-Butyl alcohol	4.30	59	697988	4.415	ppbv	98
19) Isopropyl Alcohol	3.97	45	748661	7.226	ppbv #	1
20) Methylene Chloride	4.34	84	1671285	16.320	ppbv	98
25) Ethyl Acetate	5.67	43	5997092	16.195	ppbv	99
26) Hexane	5.69	57	2719769m	14.532	ppbv	
27) Carbon Disulfide	4.55	76	51855	0.283	ppbv #	80
30) Cyclohexane	7.13	84	375763	2.410	ppbv	90
34) 2-Butanone	5.24	43	918624	5.290	ppbv	97
35) Carbon Tetrachloride	7.02	117	15754m	0.053	ppbv	
36) Benzene	6.90	78	60373m	0.167	ppbv	
41) Tetrahydrofuran	6.05	42	71259	0.883	ppbv #	82
44) 2,2,4-Trimethylpentane	7.87	57	105702	0.174	ppbv #	65
50) 4-Methyl-2-Pentanone	8.75	43	28247	0.118	ppbv	97
53) Toluene	9.81	91	977748	2.267	ppbv	99
58) Ethyl Benzene	12.71	91	419373	0.755	ppbv	95
59) m/p-Xylene	12.97	91	1252005	2.659	ppbv	97
60) o-Xylene	13.70	91	565804	1.262	ppbv	98
61) Styrene	13.53	104	6497398	28.077	ppbv	97
62) Isopropylbenzene	14.67	105	143594m	0.225	ppbv	
64) n-propylbenzene	15.56	120	67451m	0.422	ppbv	
65) tert-Butylbenzene	16.76	119	124607	0.220	ppbv #	66
67) sec-Butylbenzene	17.29	105	113001m	0.150	ppbv	
69) p-Isopropyltoluene	17.65	119	126445	0.199	ppbv	96
70) n-Butylbenzene	18.55	91	183074m	0.311	ppbv	
72) 4-Ethyltoluene	15.84	105	314247	0.617	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.00	105	380985m	0.774	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	1073029	2.115	ppbv #	72
76) 1,4-Dichlorobenzene	17.14	146	58884	0.191	ppbv #	1
79) Naphthalene	22.20	128	51487m	0.122	ppbv	

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

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