

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037184.D
 Acq On : 17 Jun 2021 00:07
 Operator : SY/AP
 Sample : M2721-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-1DUP

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:39:28 PM

Quant Time: Jun 26 00:10:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 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	1523134	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4434334	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3904371	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3103773	10.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	52666	0.199	ppbv	89
4) Chloromethane	3.14	50	60411m	0.612	ppbv	
10) Heptane	8.12	43	79204m	0.345	ppbv	
11) Trichlorofluoromethane	3.95	101	51912m	0.184	ppbv	
13) Ethanol	3.60	45	3108558	212.202	ppbv	46
15) Acetone	3.84	43	3986805m	23.211	ppbv	
17) tert-Butyl alcohol	4.30	59	725352	4.569	ppbv	99
19) Isopropyl Alcohol	3.97	45	760321	7.308	ppbv #	1
20) Methylene Chloride	4.34	84	1670194	16.242	ppbv	98
25) Ethyl Acetate	5.67	43	6096985	16.397	ppbv	99
26) Hexane	5.69	57	2803634m	14.918	ppbv	
27) Carbon Disulfide	4.55	76	51438	0.279	ppbv #	78
30) Cyclohexane	7.13	84	398719	2.546	ppbv	85
34) 2-Butanone	5.24	43	932416	5.407	ppbv	100
35) Carbon Tetrachloride	7.01	117	15316m	0.051	ppbv	
36) Benzene	6.89	78	59338m	0.165	ppbv	
41) Tetrahydrofuran	6.05	42	89254	1.114	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	114387	0.189	ppbv #	71
50) 4-Methyl-2-Pentanone	8.75	43	33041m	0.139	ppbv	
53) Toluene	9.81	91	1007010	2.351	ppbv	100
58) Ethyl Benzene	12.71	91	430881	0.802	ppbv	97
59) m/p-Xylene	12.97	91	1281244	2.813	ppbv	98
60) o-Xylene	13.69	91	570876	1.316	ppbv	99
61) Styrene	13.53	104	6402125	28.601	ppbv	95
62) Isopropylbenzene	14.67	105	136489	0.221	ppbv	98
64) n-propylbenzene	15.56	120	70221m	0.455	ppbv	
65) tert-Butylbenzene	16.77	119	130881m	0.239	ppbv	
67) sec-Butylbenzene	17.30	105	114531m	0.157	ppbv	
69) p-Isopropyltoluene	17.65	119	120266	0.195	ppbv	94
70) n-Butylbenzene	18.55	91	193069m	0.339	ppbv	
72) 4-Ethyltoluene	15.85	105	345829m	0.702	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	373386	0.784	ppbv	90
74) 1,2,4-Trimethylbenzene	16.76	105	1096646	2.235	ppbv #	73
76) 1,4-Dichlorobenzene	17.14	146	65205m	0.219	ppbv	
79) Naphthalene	22.20	128	46448m	0.114	ppbv	

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

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