

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061621\
 Data File : VL037185.D
 Acq On : 17 Jun 2021 00:49
 Operator : SY/AP
 Sample : M2721-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 IA-PLAYROOM-2

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 5:38:27 PM

Quant Time: Jun 17 15:53:17 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	1527269	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4502851	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4031795	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3115820	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	61471	0.231	ppbv #	85
4) Chloromethane	3.14	50	56217	0.568	ppbv	97
10) Heptane	8.12	43	63576	0.276	ppbv #	85
11) Trichlorofluoromethane	3.95	101	50767	0.179	ppbv	95
13) Ethanol	3.61	45	2672012	181.908	ppbv	46
15) Acetone	3.84	43	3530905m	20.501	ppbv	
17) tert-Butyl alcohol	4.30	59	697088	4.379	ppbv	97
19) Isopropyl Alcohol	3.97	45	705587	6.764	ppbv #	1
20) Methylene Chloride	4.34	84	1070916	10.386	ppbv	96
25) Ethyl Acetate	5.67	43	5992768	16.073	ppbv	99
26) Hexane	5.68	57	2572173m	13.650	ppbv	
27) Carbon Disulfide	4.55	76	44702	0.242	ppbv #	79
30) Cyclohexane	7.13	84	419804	2.674	ppbv	86
34) 2-Butanone	5.24	43	916727	5.235	ppbv	100
35) Carbon Tetrachloride	7.01	117	14087m	0.047	ppbv	
36) Benzene	6.88	78	59451m	0.163	ppbv	
41) Tetrahydrofuran	6.05	42	79997	0.983	ppbv #	88
44) 2,2,4-Trimethylpentane	7.87	57	108598	0.177	ppbv #	67
50) 4-Methyl-2-Pentanone	8.74	43	34226m	0.142	ppbv	
53) Toluene	9.81	91	1654783	3.805	ppbv	100
58) Ethyl Benzene	12.71	91	415390	0.748	ppbv	92
59) m/p-Xylene	12.97	91	1262920	2.685	ppbv	98
60) o-Xylene	13.69	91	538551	1.202	ppbv	99
61) Styrene	13.53	104	6987179	30.228	ppbv	97
62) Isopropylbenzene	14.67	105	140179m	0.220	ppbv	
64) n-propylbenzene	15.56	120	66330	0.416	ppbv	78
67) sec-Butylbenzene	17.29	105	105981m	0.141	ppbv	
69) p-Isopropyltoluene	17.65	119	129532m	0.204	ppbv	
70) n-Butylbenzene	18.55	91	168380m	0.286	ppbv	
72) 4-Ethyltoluene	15.84	105	293722	0.577	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	352374	0.716	ppbv	90
74) 1,2,4-Trimethylbenzene	16.76	105	1063022	2.098	ppbv #	74
76) 1,4-Dichlorobenzene	17.14	146	57243m	0.186	ppbv	
79) Naphthalene	22.21	128	42840m	0.101	ppbv	

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

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