

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037158.D
 Acq On : 15 Jun 2021 15:48
 Operator : SY/AP
 Sample : M2702-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:01:34 PM

Quant Time: Jun 16 02:11:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1393097	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4039857	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3687772	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2804485	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	56386	0.254	ppbv	92
3) Chlorodifluoromethane	2.99	51	134016m	0.513	ppbv	
4) Chloromethane	3.15	50	91837	1.031	ppbv	95
9) Propene	3.03	41	254921	2.957	ppbv #	74
10) Heptane	8.14	43	179912	0.875	ppbv	98
11) Trichlorofluoromethane	3.96	101	71075m	0.282	ppbv	
13) Ethanol	3.62	45	4542350	381.382	ppbv	98
15) Acetone	3.86	43	4804780	28.823	ppbv	99
17) tert-Butyl alcohol	4.32	59	66808m	0.463	ppbv	
19) Isopropyl Alcohol	3.99	45	6635211	72.535	ppbv	100
20) Methylene Chloride	4.36	84	7459185	102.673	ppbv	88
26) Hexane	5.70	57	2603248	16.025	ppbv #	51
29) Chloroform	5.77	83	180896	0.690	ppbv	98
30) Cyclohexane	7.15	84	20207m	0.143	ppbv	
34) 2-Butanone	5.26	43	353826	2.332	ppbv	96
35) Carbon Tetrachloride	7.03	117	16387m	0.066	ppbv	
36) Benzene	6.91	78	106915	0.334	ppbv	93
43) Methyl Methacrylate	8.04	69	21959m	0.200	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	132055	0.246	ppbv #	85
50) 4-Methyl-2-Pentanone	8.77	43	39909	0.179	ppbv	100
51) 2-Hexanone	10.16	43	224775	2.018	ppbv #	95
52) Tetrachloroethene	11.25	164	90919m	0.686	ppbv	
53) Toluene	9.82	91	492648	1.293	ppbv	98
58) Ethyl Benzene	12.73	91	327480	0.656	ppbv #	86
59) m/p-Xylene	12.99	91	473522	1.115	ppbv	98
60) o-Xylene	13.71	91	177365	0.435	ppbv	96
61) Styrene	13.55	104	32828m	0.153	ppbv	
65) tert-Butylbenzene	16.78	119	49983m	0.095	ppbv	
69) p-Isopropyltoluene	17.67	119	108725m	0.186	ppbv	
70) n-Butylbenzene	18.57	91	136736m	0.256	ppbv	
72) 4-Ethyltoluene	15.86	105	70375	0.149	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.01	105	109002m	0.243	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	425497	0.931	ppbv #	73
76) 1,4-Dichlorobenzene	17.16	146	172985	0.619	ppbv	90
79) Naphthalene	22.22	128	310151	1.128	ppbv	95
80) Naphthalene,2-methyl-	24.98	142	10824m	0.163	ppbv	

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

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