

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037068.D
 Acq On : 1 Jun 2021 13:49
 Operator : SY/AP
 Sample : M2559-01 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG1

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:24 PM

Quant Time: Jun 04 11:01:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1622693	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4846389	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4553274	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3595861	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	17963m	0.178	ppbv	
9) Propene	3.01	41	97044	0.912	ppbv #	82
10) Heptane	8.11	43	8261320	31.141	ppbv	97
13) Ethanol	3.59	45	717443m	50.513	ppbv	
15) Acetone	3.83	43	2748500m	16.537	ppbv	
17) tert-Butyl alcohol	4.29	59	261544	1.718	ppbv	97
19) Isopropyl Alcohol	3.96	45	200306	2.242	ppbv #	1
20) Methylene Chloride	4.33	84	252374	2.833	ppbv	96
26) Hexane	5.67	57	1107700	5.429	ppbv #	49
27) Carbon Disulfide	4.54	76	102557	0.499	ppbv #	88
29) Chloroform	5.74	83	54326m	0.188	ppbv	
30) Cyclohexane	7.11	84	404013	2.330	ppbv	90
34) 2-Butanone	5.23	43	251421	1.425	ppbv #	88
36) Benzene	6.87	78	1181819	2.831	ppbv	98
53) Toluene	9.79	91	17138861	34.505	ppbv	87
58) Ethyl Benzene	12.69	91	2594334	4.037	ppbv	98
59) m/p-Xylene	12.95	91	7144181	13.449	ppbv	97
60) o-Xylene	13.67	91	2464362	4.864	ppbv	99
61) Stvrene	13.50	104	188621	0.661	ppbv	96
62) Isopropylbenzene	14.64	105	2244864	3.083	ppbv	98
64) n-propylbenzene	15.54	120	184224m	0.981	ppbv	
67) sec-Butylbenzene	17.28	105	86819m	0.097	ppbv	
69) p-Isopropyltoluene	17.63	119	1600964	2.077	ppbv	96
70) n-Butylbenzene	18.53	91	246035	0.336	ppbv #	52
72) 4-Ethyltoluene	15.82	105	1051873	1.749	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	644893	1.142	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	2498102	4.279	ppbv #	71
79) Naphthalene	22.17	128	78402m	0.171	ppbv	
80) Naphthalene,2-methyl-	24.94	142	11603	0.116	ppbv	93

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

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