

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037067.D
 Acq On : 1 Jun 2021 12:49
 Operator : SY/AP
 Sample : M2559-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG1

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:22 PM

Quant Time: Jun 04 11:06:00 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	1577252	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	4664347	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	4367811	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3404471	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	42923	0.415	ppbv	86
10) Heptane	8.11	43	3504746	13.592	ppbv	99
13) Ethanol	3.59	45	262559m	19.019	ppbv	
15) Acetone	3.84	43	1187657m	7.351	ppbv	
17) tert-Butyl alcohol	4.30	59	97774	0.661	ppbv #	86
19) Isopropyl Alcohol	3.97	45	78010m	0.898	ppbv	
20) Methylene Chloride	4.33	84	188308	2.174	ppbv	98
26) Hexane	5.67	57	487034	2.456	ppbv #	47
27) Carbon Disulfide	4.54	76	36128	0.181	ppbv #	83
30) Cyclohexane	7.11	84	148474	0.881	ppbv	91
34) 2-Butanone	5.24	43	115592m	0.681	ppbv	
36) Benzene	6.87	78	433800	1.080	ppbv	96
53) Toluene	9.79	91	8907892	18.634	ppbv	98
58) Ethyl Benzene	12.69	91	946087	1.535	ppbv	97
59) m/p-Xylene	12.94	91	2715673	5.329	ppbv	99
60) o-Xylene	13.67	91	882848	1.817	ppbv	97
61) Styrene	13.51	104	54992	0.201	ppbv #	87
62) Isopropylbenzene	14.64	105	792944	1.135	ppbv	97
64) n-propylbenzene	15.55	120	59444	0.330	ppbv	89
69) p-Isopropyltoluene	17.63	119	472075m	0.639	ppbv	
70) n-Butylbenzene	18.53	91	76014m	0.108	ppbv	
72) 4-Ethyltoluene	15.82	105	328373	0.569	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	201194	0.371	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	779473	1.392	ppbv #	72

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

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