

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037070.D
 Acq On : 1 Jun 2021 15:06
 Operator : SY/AP
 Sample : M2559-02 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG2

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:27 PM

Quant Time: Jun 04 11:28:47 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	1617572	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4856280	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4455180	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3419571	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	10072	0.100	ppbv	94
9) Propene	3.01	41	79483m	0.749	ppbv	
10) Heptane	8.11	43	5438802	20.566	ppbv	99
13) Ethanol	3.60	45	658553	46.513	ppbv	92
15) Acetone	3.83	43	5400126	32.593	ppbv	94
17) tert-Butyl alcohol	4.30	59	138188	0.911	ppbv #	90
19) Isopropyl Alcohol	3.97	45	99950	1.122	ppbv #	30
20) Methylene Chloride	4.33	84	2878061	32.406	ppbv	97
26) Hexane	5.67	57	2889226	14.205	ppbv #	47
30) Cyclohexane	7.12	84	207169m	1.199	ppbv	
34) 2-Butanone	5.23	43	80594	0.456	ppbv #	79
36) Benzene	6.87	78	216530	0.518	ppbv	97
53) Toluene	9.79	91	9952068	19.995	ppbv	97
58) Ethyl Benzene	12.69	91	598113	0.951	ppbv	95
59) m/p-Xylene	12.95	91	1759485	3.385	ppbv	98
60) o-Xylene	13.67	91	626294	1.263	ppbv	97
61) Styrene	13.50	104	33644m	0.120	ppbv	
62) Isopropylbenzene	14.65	105	490370	0.688	ppbv	99
64) n-propylbenzene	15.55	120	37067m	0.202	ppbv	
69) p-Isopropyltoluene	17.64	119	548416	0.727	ppbv	95
70) n-Butylbenzene	18.54	91	68525m	0.096	ppbv	
72) 4-Ethyltoluene	15.82	105	239971m	0.408	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	145763	0.264	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.74	105	596579	1.044	ppbv #	72

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

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