

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037073.D
 Acq On : 1 Jun 2021 17:02
 Operator : SY/AP
 Sample : M2559-03 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 HSG3

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 2:58:32 PM

Quant Time: Jun 04 11:38:12 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	1589786	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4669425	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	4428976	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3494475	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	15854m	0.160	ppbv	
9) Propene	3.01	41	252225	2.418	ppbv #	79
10) Heptane	8.11	43	9163110	35.255	ppbv	96
11) Trichlorofluoromethane	3.94	101	80719	0.323	ppbv	97
13) Ethanol	3.59	45	808762	58.121	ppbv	97
15) Acetone	3.84	43	1434779m	8.811	ppbv	
17) tert-Butyl alcohol	4.30	59	214372	1.437	ppbv	97
19) Isopropyl Alcohol	3.96	45	111103	1.269	ppbv #	1
20) Methylene Chloride	4.33	84	343346m	3.934	ppbv	
26) Hexane	5.67	57	1397078	6.989	ppbv #	48
27) Carbon Disulfide	4.54	76	52307	0.260	ppbv #	61
30) Cyclohexane	7.12	84	464467	2.734	ppbv	93
34) 2-Butanone	5.23	43	314838	1.852	ppbv	95
36) Benzene	6.88	78	1176177	2.924	ppbv	96
52) Tetrachloroethene	11.21	164	129779	0.811	ppbv	92
53) Toluene	9.79	91	11538468	24.110	ppbv	96
58) Ethyl Benzene	12.70	91	1955088	3.128	ppbv	98
59) m/p-Xylene	12.95	91	5141125	9.950	ppbv	97
60) o-Xylene	13.67	91	1329349	2.698	ppbv	98
61) Styrene	13.51	104	230135	0.829	ppbv	99
62) Isopropylbenzene	14.65	105	4156697	5.869	ppbv	99
64) n-propylbenzene	15.54	120	115951	0.635	ppbv	87
70) n-Butylbenzene	18.53	91	86899	0.122	ppbv #	59
72) 4-Ethyltoluene	15.82	105	634045	1.084	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	281839	0.513	ppbv	93
74) 1,2,4-Trimethylbenzene	16.74	105	1051852	1.852	ppbv #	71

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

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