

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034743.D
 Acq On : 28 Feb 2020 19:08
 Operator : SY/AP
 Sample : L1704-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4-4

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:01:29 PM

Quant Time: Mar 02 12:01:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1058562	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2169390	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2159480	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1869091	10.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	53811	0.322	ppbv	95
4) Chloromethane	3.11	50	33741	0.528	ppbv	99
9) Propene	2.99	41	507121m	10.620	ppbv	
10) Heptane	8.14	43	522714	4.253	ppbv	98
11) Trichlorofluoromethane	3.93	101	47456	0.324	ppbv	88
13) Ethanol	3.59	45	565795	37.506	ppbv	95
15) Acetone	3.83	43	9048478	75.014	ppbv #	76
17) tert-Butyl alcohol	4.29	59	582940	6.307	ppbv	98
19) Isopropyl Alcohol	3.96	45	144634	2.013	ppbv #	94
20) Methylene Chloride	4.33	84	831670	18.539	ppbv	95
23) Vinyl Acetate	5.07	43	4269095	26.033	ppbv	97
26) Hexane	5.69	57	412863	4.195	ppbv #	52
30) Cyclohexane	7.14	84	40361m	0.529	ppbv	
34) 2-Butanone	5.25	43	111679	0.818	ppbv	96
35) Carbon Tetrachloride	7.03	117	11237m	0.077	ppbv	
36) Benzene	6.91	78	79386m	0.424	ppbv	
38) Trichloroethene	7.86	130	10740m	0.149	ppbv	
52) Tetrachloroethene	11.26	164	326895	4.760	ppbv	95
53) Toluene	9.83	91	7766400	38.971	ppbv	90
58) Ethyl Benzene	12.75	91	261506	1.001	ppbv #	89
59) m/p-Xylene	13.00	91	929818	4.080	ppbv	100
60) o-Xylene	13.73	91	273587m	1.210	ppbv	
72) 4-Ethyltoluene	15.88	105	109348	0.434	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.04	105	82515	0.341	ppbv	93
74) 1,2,4-Trimethylbenzene	16.81	105	292772	1.095	ppbv #	67
79) Naphthalene	22.27	128	38886m	0.165	ppbv	

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

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