

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032294.D
 Acq On : 19 Jul 2018 18:54
 Operator : SY/AP
 Sample : J4063-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BACK-STORAGE-RM-01-0717-01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:06:16 PM

Quant Time: Jul 20 02:47:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 2018
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1580844	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3319465	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3876868	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3054671	9.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	152120	0.57	ppbv	92
3) Chlorodifluoromethane	3.06	51	1212852	6.84	ppbv	96
4) Chloromethane	3.22	50	64853	0.62	ppbv #	86
9) Propene	3.10	41	237369	3.06	ppbv #	73
10) Heptane	8.33	43	33812	0.14	ppbv	99
11) Trichlorofluoromethane	4.07	101	54013	0.26	ppbv	97
13) Ethanol	3.71	45	1108724	50.05	ppbv	100
15) Acetone	3.95	43	4673915	28.25	ppbv	97
17) tert-Butyl alcohol	4.44	59	40564m	0.78	ppbv	
19) Isopropyl Alcohol	4.10	45	560380m	5.01	ppbv	
20) Methylene Chloride	4.48	84	309683	4.86	ppbv	95
26) Hexane	5.85	57	319512	1.93	ppbv #	67
27) Carbon Disulfide	4.68	76	34672m	0.24	ppbv	
30) Cyclohexane	7.33	84	31174m	0.22	ppbv	
34) 2-Butanone	5.40	43	377628	1.66	ppbv	99
35) Carbon Tetrachloride	7.22	117	19165m	0.08	ppbv	
36) Benzene	7.09	78	80321	0.25	ppbv	97
37) 1,2-Dichloroethane	6.49	62	299881	1.55	ppbv	100
43) Methyl Methacrylate	8.22	69	40601m	0.30	ppbv	
44) 2,2,4-Trimethylpentane	8.08	57	82349	0.14	ppbv #	76
50) 4-Methyl-2-Pentanone	8.97	43	56194	0.15	ppbv	94
52) Tetrachloroethene	11.46	164	10875m	0.10	ppbv	
53) Toluene	10.03	91	1159216	2.93	ppbv	99
58) Ethyl Benzene	12.95	91	382591	0.70	ppbv	98
59) m/p-Xylene	13.21	91	900010	1.93	ppbv	100
60) o-Xylene	13.94	91	328744	0.71	ppbv	99
61) Styrene	13.78	104	164137	0.48	ppbv	99
69) p-Isopropyltoluene	17.90	119	110275m	0.17	ppbv	
72) 4-Ethyltoluene	16.09	105	52729m	0.10	ppbv	
73) 1,3,5-Trimethylbenzene	16.24	105	59564m	0.11	ppbv	
74) 1,2,4-Trimethylbenzene	17.02	105	231747	0.42	ppbv #	67
76) 1,4-Dichlorobenzene	17.40	146	293441	0.97	ppbv	98
79) Naphthalene	22.52	128	60550m	0.13	ppbv	

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

