

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032295.D
 Acq On : 19 Jul 2018 19:35
 Operator : SY/AP
 Sample : J4063-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:06:17 PM

Quant Time: Jul 20 02:55:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18
 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	1555267	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3345261	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3810026	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.67	95	3055690	9.89	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	99750	0.38	ppbv	98
3) Chlorodifluoromethane	3.06	51	1141734	6.54	ppbv	96
4) Chloromethane	3.23	50	67742	0.66	ppbv	99
9) Propene	3.10	41	218658	2.87	ppbv #	75
10) Heptane	8.33	43	39761m	0.16	ppbv	
11) Trichlorofluoromethane	4.06	101	52044	0.25	ppbv	97
13) Ethanol	3.72	45	1032409	47.37	ppbv	98
15) Acetone	3.96	43	4651157	28.57	ppbv	96
17) tert-Butyl alcohol	4.44	59	41404	0.81	ppbv #	72
19) Isopropyl Alcohol	4.10	45	528788	4.80	ppbv #	1
20) Methylene Chloride	4.47	84	307520	4.91	ppbv	99
26) Hexane	5.85	57	325155	2.00	ppbv #	67
27) Carbon Disulfide	4.69	76	32866	0.23	ppbv #	76
30) Cyclohexane	7.33	84	27655m	0.20	ppbv	
34) 2-Butanone	5.40	43	390957	1.70	ppbv	98
35) Carbon Tetrachloride	7.22	117	17899m	0.08	ppbv	
36) Benzene	7.08	78	84136	0.26	ppbv	95
37) 1,2-Dichloroethane	6.49	62	294164m	1.51	ppbv	
43) Methyl Methacrylate	8.23	69	45938m	0.34	ppbv	
44) 2,2,4-Trimethylpentane	8.08	57	96620	0.17	ppbv #	79
50) 4-Methyl-2-Pentanone	8.97	43	62790m	0.17	ppbv	
52) Tetrachloroethene	11.46	164	8496m	0.08	ppbv	
53) Toluene	10.03	91	1208004	3.03	ppbv	100
58) Ethyl Benzene	12.95	91	400052	0.75	ppbv	96
59) m/p-Xylene	13.21	91	893540	1.95	ppbv	99
60) o-Xylene	13.94	91	329528	0.72	ppbv	97
61) Styrene	13.78	104	175015	0.52	ppbv	100
69) p-Isopropyltoluene	17.90	119	109567	0.17	ppbv #	87
72) 4-Ethyltoluene	16.09	105	54578m	0.10	ppbv	
73) 1,3,5-Trimethylbenzene	16.25	105	69091m	0.13	ppbv	
74) 1,2,4-Trimethylbenzene	17.01	105	247021	0.46	ppbv #	69
76) 1,4-Dichlorobenzene	17.39	146	289105	0.97	ppbv	99
79) Naphthalene	22.52	128	59066m	0.13	ppbv	

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

