

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032285.D
 Acq On : 19 Jul 2018 7:04
 Operator : SY/AP
 Sample : J3454-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-13

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:53:31 PM

Quant Time: Jul 19 08:14:44 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	5.83	49	1573040	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3367343	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	3977753	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.66	95	3133636	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	142877	0.53	ppbv	97
3) Chlorodifluoromethane	3.06	51	268461m	1.52	ppbv	
4) Chloromethane	3.22	50	62034	0.60	ppbv	91
9) Propene	3.10	41	54649	0.71	ppbv #	75
10) Heptane	8.33	43	98418m	0.40	ppbv	
11) Trichlorofluoromethane	4.06	101	61108	0.29	ppbv	86
13) Ethanol	3.71	45	1575177m	71.46	ppbv	
15) Acetone	3.96	43	1738854	10.56	ppbv	97
17) tert-Butyl alcohol	4.44	59	22662	0.44	ppbv	95
19) Isopropyl Alcohol	4.09	45	326380	2.93	ppbv #	1
20) Methylene Chloride	4.48	84	72406	1.14	ppbv #	89
26) Hexane	5.86	57	3005378	18.25	ppbv #	44
34) 2-Butanone	5.40	43	212527	0.92	ppbv	97
35) Carbon Tetrachloride	7.22	117	16872m	0.07	ppbv	
36) Benzene	7.08	78	67207m	0.20	ppbv	
44) 2,2,4-Trimethylpentane	8.07	57	122638	0.21	ppbv #	81
50) 4-Methyl-2-Pentanone	8.97	43	38158m	0.10	ppbv	
53) Toluene	10.03	91	508440	1.27	ppbv	98
58) Ethyl Benzene	12.95	91	214313	0.38	ppbv	93
59) m/p-Xylene	13.21	91	1004004	2.10	ppbv	99
60) o-Xylene	13.94	91	423844	0.89	ppbv	98
61) Styrene	13.77	104	106367	0.30	ppbv	96
72) 4-Ethyltoluene	16.08	105	68726m	0.12	ppbv	
74) 1,2,4-Trimethylbenzene	17.01	105	161387	0.29	ppbv #	74

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

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