

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032283.D
 Acq On : 19 Jul 2018 5:45
 Operator : SY/AP
 Sample : J3454-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-12

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:53:29 PM

Quant Time: Jul 19 08:05:12 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 14:38:53 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	1649283	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3416717	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3995646	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3181304	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	155260	0.55	ppbv	98
3) Chlorodifluoromethane	3.06	51	169847m	0.92	ppbv	
4) Chloromethane	3.22	50	63429	0.58	ppbv	99
10) Heptane	8.33	43	106414	0.41	ppbv	98
11) Trichlorofluoromethane	4.07	101	57283	0.26	ppbv	90
13) Ethanol	3.71	45	1458947	63.12	ppbv	99
15) Acetone	3.96	43	1707564	9.89	ppbv	97
17) tert-Butyl alcohol	4.44	59	20821m	0.38	ppbv	
19) Isopropyl Alcohol	4.10	45	308709	2.64	ppbv #	1
20) Methylene Chloride	4.48	84	67876	1.02	ppbv	90
26) Hexane	5.86	57	1104348	6.40	ppbv #	46
34) 2-Butanone	5.40	43	204635	0.87	ppbv	99
35) Carbon Tetrachloride	7.21	117	16261m	0.07	ppbv	
36) Benzene	7.08	78	38472	0.11	ppbv #	89
52) Tetrachloroethene	11.46	164	6757m	0.06	ppbv	
53) Toluene	10.03	91	171195	0.42	ppbv	98
59) m/p-Xylene	13.21	91	122436m	0.25	ppbv	
60) o-Xylene	13.94	91	51976m	0.11	ppbv	
76) 1,4-Dichlorobenzene	17.40	146	40549m	0.13	ppbv	

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

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