

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121318\
 Data File : VL032995.D
 Acq On : 14 Dec 2018 10:21
 Operator : SY/AP
 Sample : J6382-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P0068-SG001-181212-01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 11:19:26 AM

Quant Time: Dec 14 11:02:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1109017	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2566699	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2930924	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2277904	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	86297	0.583	ppbv	100
3) Chlorodifluoromethane	3.01	51	43025	0.512	ppbv #	87
4) Chloromethane	3.17	50	99649	2.038	ppbv	97
9) Propene	3.03	41	56452m	1.700	ppbv	
10) Heptane	8.26	43	965315	7.738	ppbv	99
11) Trichlorofluoromethane	4.01	101	40222	0.288	ppbv	96
13) Ethanol	3.68	45	2746761	240.212	ppbv	95
15) Acetone	3.91	43	1367567m	14.367	ppbv	
19) Isopropyl Alcohol	4.06	45	138048	2.309	ppbv #	6
20) Methylene Chloride	4.42	84	145166	3.120	ppbv	98
22) trans-1,2-Dichloroethene	4.98	96	105481	1.824	ppbv	97
26) Hexane	5.80	57	2698612	25.994	ppbv #	45
30) Cyclohexane	7.26	84	477049	5.544	ppbv	97
34) 2-Butanone	5.34	43	272902	2.441	ppbv	100
35) Carbon Tetrachloride	7.15	117	14166	0.070	ppbv #	88
36) Benzene	7.01	78	3156392	16.719	ppbv	98
41) Tetrahydrofuran	6.17	42	49725	0.715	ppbv	99
44) 2,2,4-Trimethylpentane	8.00	57	7395792	23.079	ppbv	96
50) 4-Methyl-2-Pentanone	8.90	43	91312	0.511	ppbv	96
52) Tetrachloroethene	11.38	164	44771m	0.652	ppbv	
53) Toluene	9.96	91	10343786	51.662	ppbv	96
58) Ethyl Benzene	12.87	91	984259	3.148	ppbv	99
59) m/p-Xylene	13.12	91	1872679	6.606	ppbv #	100
60) o-Xylene	13.85	91	568578	1.986	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	45322m	0.129	ppbv	
79) Naphthalene	22.43	128	21780m	0.096	ppbv	

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

