

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032727.D
 Acq On : 7 Nov 2018 21:39
 Operator : SY/AP
 Sample : J5823-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:30:15 PM

Quant Time: Nov 12 02:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1335194	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3340704	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3248090	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2497148	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	38326	0.282	ppbv	99
3) Chlorodifluoromethane	3.02	51	47329m	0.453	ppbv	
4) Chloromethane	3.18	50	27121	0.465	ppbv #	88
9) Propene	3.05	41	191167	4.449	ppbv	93
10) Heptane	8.25	43	70459	0.425	ppbv	97
11) Trichlorofluoromethane	4.01	101	42959	0.242	ppbv	100
13) Ethanol	3.66	45	90039	7.331	ppbv	96
15) Acetone	3.91	43	504883	4.095	ppbv	97
19) Isopropyl Alcohol	4.05	45	52254m	0.595	ppbv	
20) Methylene Chloride	4.42	84	134360	2.147	ppbv	99
26) Hexane	5.79	57	311069	2.317	ppbv #	45
30) Cyclohexane	7.25	84	17465m	0.164	ppbv	
34) 2-Butanone	5.35	43	68613	0.383	ppbv	99
35) Carbon Tetrachloride	7.14	117	21214m	0.089	ppbv	
36) Benzene	7.02	78	582640	2.148	ppbv	97
44) 2,2,4-Trimethylpentane	8.00	57	820396	1.772	ppbv #	92
52) Tetrachloroethene	11.39	164	21695m	0.229	ppbv	
53) Toluene	9.96	91	5258719	16.911	ppbv	99
58) Ethyl Benzene	12.88	91	452458	1.199	ppbv	98
59) m/p-Xylene	13.13	91	1655353	4.926	ppbv	100
60) o-Xylene	13.86	91	612260	1.889	ppbv	97
61) Styrene	13.70	104	37855m	0.174	ppbv	
72) 4-Ethyltoluene	16.01	105	156728	0.454	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.17	105	125012m	0.372	ppbv	
74) 1,2,4-Trimethylbenzene	16.94	105	564324	1.572	ppbv #	77
79) Naphthalene	22.43	128	46115m	0.207	ppbv	

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

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