

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032718.D
 Acq On : 7 Nov 2018 15:39
 Operator : SY/AP
 Sample : J5809-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-110118

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:30:05 PM

Quant Time: Nov 12 00:43:48 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 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	1501105	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3681722	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3467725	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2609634	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	34178	0.223	ppbv	94
3) Chlorodifluoromethane	3.02	51	51497m	0.439	ppbv	
4) Chloromethane	3.18	50	37651	0.574	ppbv	90
9) Propene	3.06	41	136417m	2.824	ppbv	
10) Heptane	8.26	43	57147	0.307	ppbv	99
11) Trichlorofluoromethane	4.01	101	42494	0.213	ppbv	86
13) Ethanol	3.69	45	21364367	1547.253	ppbv	98
15) Acetone	3.90	43	2859145m	20.626	ppbv	
17) tert-Butyl alcohol	4.43	59	265574m	6.514	ppbv	
19) Isopropyl Alcohol	4.09	45	1399479m	14.177	ppbv	
20) Methylene Chloride	4.42	84	55513	0.789	ppbv	88
26) Hexane	5.79	57	97555	0.646	ppbv #	11
29) Chloroform	5.86	83	23137m	0.096	ppbv	
34) 2-Butanone	5.34	43	127390	0.645	ppbv	99
35) Carbon Tetrachloride	7.14	117	19272m	0.074	ppbv	
36) Benzene	7.02	78	131754	0.441	ppbv	97
44) 2,2,4-Trimethylpentane	8.00	57	144842	0.284	ppbv #	79
52) Tetrachloroethene	11.39	164	20152m	0.193	ppbv	
53) Toluene	9.96	91	685999	2.002	ppbv	98
58) Ethyl Benzene	12.88	91	72402m	0.180	ppbv	
59) m/p-Xylene	13.14	91	220679m	0.615	ppbv	
60) o-Xylene	13.86	91	82122m	0.237	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	117509m	0.307	ppbv	

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

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