

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112018\
 Data File : VL032798.D
 Acq On : 21 Nov 2018 3:54
 Operator : SY/AP
 Sample : J5998-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-103

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:18:58 AM

Quant Time: Nov 21 06:21:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1288685	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3342890	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3099497	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2273331	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	84665	0.457	ppbv	96
3) Chlorodifluoromethane	3.02	51	39688m	0.388	ppbv	
4) Chloromethane	3.18	50	24409	0.431	ppbv	97
9) Propene	3.06	41	32902m	0.805	ppbv	
10) Heptane	8.25	43	24578	0.157	ppbv	94
11) Trichlorofluoromethane	4.01	101	80608	0.462	ppbv	97
13) Ethanol	3.66	45	1250547	93.382	ppbv	100
15) Acetone	3.91	43	277748	2.360	ppbv	98
19) Isopropyl Alcohol	4.04	45	196624	2.508	ppbv #	96
20) Methylene Chloride	4.42	84	47563	0.781	ppbv	99
26) Hexane	5.79	57	120643	0.988	ppbv #	48
34) 2-Butanone	5.35	43	37975m	0.219	ppbv	
35) Carbon Tetrachloride	7.15	117	20055m	0.075	ppbv	
36) Benzene	7.01	78	57035	0.214	ppbv #	87
53) Toluene	9.95	91	3830190	13.792	ppbv	100
58) Ethyl Benzene	12.88	91	73666	0.197	ppbv	97
59) m/p-Xylene	13.14	91	189533m	0.571	ppbv	
60) o-Xylene	13.86	91	62781	0.188	ppbv	95
74) 1,2,4-Trimethylbenzene	16.94	105	64620m	0.169	ppbv	

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

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