

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032893.D
 Acq On : 5 Dec 2018 1:58
 Operator : SY/AP
 Sample : J6176-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-05DL

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:01:30 PM

Quant Time: Dec 05 15:49:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 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	1504779	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3820360	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3871956	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2793215	9.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	1087639	22.782	ppbv	95
10) Heptane	8.25	43	147917	0.812	ppbv	100
13) Ethanol	3.66	45	58785	3.759	ppbv	98
15) Acetone	3.90	43	789690m	5.747	ppbv	
26) Hexane	5.79	57	213954	1.501	ppbv #	41
27) Carbon Disulfide	4.63	76	18995414	105.070	ppbv #	80
30) Cyclohexane	7.26	84	96643m	0.775	ppbv	
34) 2-Butanone	5.34	43	554608	2.799	ppbv	99
36) Benzene	7.01	78	13408893	44.076	ppbv #	89
41) Tetrahydrofuran	6.17	42	147816m	1.301	ppbv	
44) 2,2,4-Trimethylpentane	8.00	57	295338	0.581	ppbv #	81
53) Toluene	9.95	91	9724688	30.641	ppbv	96
58) Ethyl Benzene	12.87	91	1911506	4.102	ppbv	99
59) m/p-Xylene	13.12	91	3971002	9.573	ppbv	95
60) o-Xylene	13.85	91	1952217	4.680	ppbv	98
61) Styrene	13.69	104	53313m	0.196	ppbv	
62) Isopropylbenzene	14.83	105	186570	0.331	ppbv	99
72) 4-Ethyltoluene	16.00	105	88781	0.194	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.16	105	225729	0.505	ppbv	94
74) 1,2,4-Trimethylbenzene	16.93	105	154375	0.323	ppbv #	69

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

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