

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032161.D
 Acq On : 30 Jun 2018 8:34
 Operator : SY/AP
 Sample : J3601-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DUPE

Manual Integrations
 APPROVED

MMDadoda
 7/2/2018 4:25:44 PM

Quant Time: Jul 02 12:08:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1666264	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3536292	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3455125	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.68	95	2587174	9.80	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	59959	0.27	ppbv	92
4) Chloromethane	3.23	50	58985	0.54	ppbv	95
9) Propene	3.10	41	89105m	0.94	ppbv	
10) Heptane	8.34	43	94244	0.34	ppbv	99
11) Trichlorofluoromethane	4.07	101	64724	0.27	ppbv	100
13) Ethanol	3.73	45	1704600	59.26	ppbv	100
15) Acetone	3.96	43	2780426m	14.27	ppbv	
19) Isopropyl Alcohol	4.11	45	390795m	2.41	ppbv	
20) Methylene Chloride	4.48	84	421017	5.91	ppbv	95
26) Hexane	5.86	57	730068	3.93	ppbv	89
29) Chloroform	5.93	83	198691	0.74	ppbv	95
30) Cyclohexane	7.34	84	58128	0.33	ppbv	99
34) 2-Butanone	5.41	43	262467	1.17	ppbv	98
35) Carbon Tetrachloride	7.23	117	21081m	0.09	ppbv	
36) Benzene	7.10	78	86706	0.25	ppbv #	91
37) 1,2-Dichloroethane	6.50	62	54122	0.32	ppbv	98
41) Tetrahydrofuran	6.24	42	57638m	0.43	ppbv	
44) 2,2,4-Trimethylpentane	8.08	57	88735	0.15	ppbv #	69
50) 4-Methyl-2-Pentanone	8.98	43	95057m	0.26	ppbv	
52) Tetrachloroethene	11.48	164	20470m	0.16	ppbv	
53) Toluene	10.04	91	1537869	3.72	ppbv	99
58) Ethyl Benzene	12.96	91	346927	0.62	ppbv	92
59) m/p-Xylene	13.22	91	819227	1.84	ppbv	97
60) o-Xylene	13.94	91	350135	0.79	ppbv	95
61) Styrene	13.78	104	68774	0.19	ppbv	94
73) 1,3,5-Trimethylbenzene	16.26	105	75063m	0.14	ppbv	
74) 1,2,4-Trimethylbenzene	17.03	105	223023m	0.41	ppbv	

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

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