

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034030.D
 Acq On : 11 Jul 2019 23:22
 Operator : SY/AP
 Sample : K3747-03DL DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NVS-1DL DUP

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 10:47:19 PM

Quant Time: Jul 12 08:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	977871	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.25	114	2611662	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.19	117	2662553	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.53	95	2146065	9.45	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	573763	12.916	ppbv	90
10) Heptane	8.21	43	23566m	0.212	ppbv	
13) Ethanol	3.63	45	116996	8.478	ppbv	100
15) Acetone	3.88	43	1020186	6.205	ppbv #	73
17) tert-Butyl alcohol	4.35	59	26471m	0.202	ppbv	
20) Methylene Chloride	4.38	84	24608	0.343	ppbv #	87
26) Hexane	5.74	57	66009	0.641	ppbv #	39
27) Carbon Disulfide	4.59	76	84961	0.486	ppbv #	75
34) 2-Butanone	5.30	43	189321	1.370	ppbv	96
36) Benzene	6.97	78	57502	0.281	ppbv #	89
38) Trichloroethene	7.92	130	5181m	0.057	ppbv	
51) 2-Hexanone	10.25	43	17560m	0.106	ppbv	
53) Toluene	9.90	91	276103	1.180	ppbv	100
58) Ethyl Benzene	12.82	91	63109m	0.197	ppbv	
59) m/p-Xylene	13.08	91	279361m	0.964	ppbv	
60) o-Xylene	13.80	91	95232	0.328	ppbv	98
72) 4-Ethyltoluene	15.96	105	47296m	0.127	ppbv	
73) 1,3,5-Trimethylbenzene	16.11	105	39184m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.88	105	111897	0.292	ppbv #	75

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

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