

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034065.D
 Acq On : 30 Jul 2019 14:50
 Operator : SY/AP
 Sample : K4033-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG2DL

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 12:20:19 PM

Quant Time: Jul 31 19:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 31 2019
 QLast Update : Tue Jul 30 06:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1346461	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	4812806	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	3624399	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.52	95	2839241	9.91	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	29389	0.189	ppbv	99
9) Propene	3.02	41	41855m	0.750	ppbv	
10) Heptane	8.20	43	45798m	0.301	ppbv	
13) Ethanol	3.63	45	116986m	5.268	ppbv	
15) Acetone	3.88	43	121776m	0.595	ppbv	
26) Hexane	5.73	57	81164	0.590	ppbv #	39
30) Cyclohexane	7.20	84	49449m	0.354	ppbv	
36) Benzene	6.96	78	127173m	0.397	ppbv	
53) Toluene	9.89	91	1912096	5.720	ppbv	100
58) Ethyl Benzene	12.80	91	447490	1.043	ppbv	95
59) m/p-Xylene	13.06	91	1511085m	3.875	ppbv	
60) o-Xylene	13.79	91	560000m	1.445	ppbv	
61) Styrene	13.64	104	63764m	0.249	ppbv	
62) Isopropylbenzene	14.78	105	120341	0.232	ppbv	100
64) n-propylbenzene	15.67	120	43645m	0.325	ppbv	
72) 4-Ethyltoluene	15.94	105	301168	0.687	ppbv	95
73) 1,3,5-Trimethylbenzene	16.10	105	192465	0.432	ppbv	97
74) 1,2,4-Trimethylbenzene	16.87	105	881523m	1.799	ppbv	

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

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