

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033401.D
 Acq On : 20 Mar 2019 22:24
 Operator : SY/AP
 Sample : K1975-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:26:34 AM

Quant Time: Mar 22 06:03:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	867354	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2379434	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2270364	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1682926	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	15326m	0.345	ppbv	
10) Heptane	8.25	43	303586	2.754	ppbv	98
13) Ethanol	3.65	45	632063	29.834	ppbv	97
15) Acetone	3.89	43	6522370m	48.375	ppbv	
20) Methylene Chloride	4.41	84	35972	0.818	ppbv #	93
26) Hexane	5.78	57	561738	6.411	ppbv #	40
30) Cyclohexane	7.25	84	120154	1.710	ppbv #	79
34) 2-Butanone	5.33	43	222458	1.424	ppbv	98
36) Benzene	7.00	78	283550	1.332	ppbv	98
44) 2,2,4-Trimethylpentane	7.99	57	620051	1.758	ppbv #	81
52) Tetrachloroethene	11.38	164	4406245	49.668	ppbv	98
53) Toluene	9.95	91	5195146	21.470	ppbv	98
58) Ethyl Benzene	12.86	91	279757	0.871	ppbv	99
59) m/p-Xylene	13.12	91	833970	3.021	ppbv #	100
60) o-Xylene	13.85	91	315081	1.170	ppbv	99
72) 4-Ethyltoluene	15.99	105	142049	0.465	ppbv	97
73) 1,3,5-Trimethylbenzene	16.16	105	124433m	0.418	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	455750	1.445	ppbv #	72
79) Naphthalene	22.41	128	60783m	0.200	ppbv	
80) Naphthalene,2-methyl-	25.12	142	12746	0.088	ppbv #	84

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

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