

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034060.D
 Acq On : 30 Jul 2019 11:25
 Operator : SY/AP
 Sample : K4033-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 JSG1

Manual Integrations
 APPROVED

MMdadoda
 8/2/2019 9:37:43 AM

Quant Time: Jul 31 02:32:03 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

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	5.72	49	1038998	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.25	114	3853614	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.19	117	3229920	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2619240	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	20560	0.103	ppbv	96
3) Chlorodifluoromethane	2.99	51	166183	1.386	ppbv	98
4) Chloromethane	3.15	50	32126	0.457	ppbv	98
9) Propene	3.01	41	765376	17.776	ppbv	92
10) Heptane	8.20	43	510672	4.349	ppbv	97
11) Trichlorofluoromethane	3.98	101	50664m	0.228	ppbv	
13) Ethanol	3.64	45	627703	36.628	ppbv	95
15) Acetone	3.87	43	1968080	12.459	ppbv	94
19) Isopropyl Alcohol	4.02	45	119868m	1.111	ppbv	
20) Methylene Chloride	4.38	84	260717	4.315	ppbv	98
26) Hexane	5.74	57	878400	8.270	ppbv #	39
27) Carbon Disulfide	4.58	76	888433	5.371	ppbv	95
29) Chloroform	5.81	83	177670	0.916	ppbv	93
30) Cyclohexane	7.20	84	1633851	15.139	ppbv	98
32) 1,1,1-Trichloroethane	6.58	97	170785	0.839	ppbv	98
34) 2-Butanone	5.29	43	509599	3.213	ppbv	97
36) Benzene	6.96	78	1461373	5.697	ppbv	98
38) Trichloroethene	7.91	130	14978m	0.139	ppbv	
44) 2,2,4-Trimethylpentane	7.94	57	580048	1.362	ppbv #	62
52) Tetrachloroethene	11.32	164	198358m	1.972	ppbv	
53) Toluene	9.90	91	19550277	73.041	ppbv	92
58) Ethyl Benzene	12.82	91	4829774	12.635	ppbv	99
59) m/p-Xylene	13.07	91	14619462	42.073	ppbv	96
60) o-Xylene	13.80	91	5820372	16.853	ppbv	99
61) Styrene	13.64	104	1041247	4.566	ppbv	100
62) Isopropylbenzene	14.78	105	1203140	2.600	ppbv	99
64) n-propylbenzene	15.68	120	593691	4.955	ppbv	97
70) n-Butylbenzene	18.67	91	602050	1.151	ppbv #	47
72) 4-Ethyltoluene	15.95	105	3503079	8.970	ppbv	99
73) 1,3,5-Trimethylbenzene	16.11	105	2311624	5.816	ppbv	100
74) 1,2,4-Trimethylbenzene	16.88	105	9640535	22.080	ppbv #	84
79) Naphthalene	22.34	128	520510m	1.368	ppbv	

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

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