

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034268.D
 Acq On : 9 Oct 2019 3:51
 Operator : SY/AP
 Sample : K5243-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:08:10 PM

Quant Time: Oct 09 06:45:09 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18

QLast Update : Wed Sep 18 12:53:31 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	968770	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1845388	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1860239	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1719251	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	957578	6.692	ppbv	98
4) Chloromethane	3.12	50	25666	0.385	ppbv	95
9) Propene	2.99	41	667537	11.911	ppbv	84
10) Heptane	8.17	43	1987556	13.608	ppbv	97
11) Trichlorofluoromethane	3.94	101	123124	0.945	ppbv	92
13) Ethanol	3.61	45	314494	23.175	ppbv	97
15) Acetone	3.85	43	12441732	95.822	ppbv #	27
17) tert-Butyl alcohol	4.33	59	539613	6.559	ppbv	99
19) Isopropyl Alcohol	4.00	45	15298088	191.600	ppbv	100
20) Methylene Chloride	4.36	84	52448	1.401	ppbv	89
26) Hexane	5.71	57	3141756	30.761	ppbv #	41
27) Carbon Disulfide	4.56	76	151046	1.604	ppbv	98
29) Chloroform	5.79	83	328139	2.248	ppbv	100
30) Cyclohexane	7.17	84	130980	1.776	ppbv	97
34) 2-Butanone	5.27	43	4124374	21.889	ppbv	92
36) Benzene	6.93	78	390810	1.918	ppbv	95
38) Trichloroethene	7.89	130	6538461	89.786	ppbv	90
50) 4-Methyl-2-Pentanone	8.80	43	641351	2.339	ppbv	97
51) 2-Hexanone	10.20	43	1747190	7.592	ppbv	100
52) Tetrachloroethene	11.38	164	24013995m	356.626	ppbv	
53) Toluene	9.87	91	2835968	12.732	ppbv	100
58) Ethyl Benzene	12.80	91	1150978	3.835	ppbv	93
59) m/p-Xylene	13.05	91	4291218	17.261	ppbv	99
60) o-Xylene	13.78	91	1743766	7.015	ppbv	98
61) Styrene	13.62	104	140130m	0.787	ppbv	
62) Isopropylbenzene	14.76	105	90658m	0.282	ppbv	
72) 4-Ethyltoluene	15.92	105	237897m	0.847	ppbv	
73) 1,3,5-Trimethylbenzene	16.09	105	217394	0.801	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.86	105	520280	1.806	ppbv #	69

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

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