

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031272.D
 Acq On : 20 Dec 2017 16:04
 Operator : SY/AP
 Sample : I6960-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 T5P3

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:54:48 PM

Quant Time: Dec 22 04:24:23 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1687583	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3904698	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3792307	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2982705	11.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	51290	0.36	ppbv	98
4) Chloromethane	3.28	50	40881	0.39	ppbv	97
9) Propene	3.14	41	1959199	20.81	ppbv	96
10) Heptane	8.41	43	88901	0.31	ppbv	99
11) Trichlorofluoromethane	4.13	101	58658	0.25	ppbv	98
13) Ethanol	3.77	45	255182	9.39	ppbv	98
15) Acetone	4.02	43	1980743	8.89	ppbv	94
17) tert-Butyl alcohol	4.50	59	90876m	0.73	ppbv	
20) Methylene Chloride	4.54	84	284294	3.86	ppbv	98
26) Hexane	5.93	57	317356	1.47	ppbv #	48
30) Cyclohexane	7.41	84	29466m	0.16	ppbv	
34) 2-Butanone	5.48	43	453017	1.64	ppbv	96
35) Carbon Tetrachloride	7.30	117	17220	0.06	ppbv	93
36) Benzene	7.16	78	70725m	0.17	ppbv	
37) 1,2-Dichloroethane	6.56	62	28464	0.12	ppbv	99
39) 1,2-Dichloropropane	7.90	63	22809m	0.16	ppbv	
44) 2,2,4-Trimethylpentane	8.15	57	188717	0.30	ppbv #	90
53) Toluene	10.12	91	2144681	4.78	ppbv	98
58) Ethyl Benzene	13.04	91	251007	0.40	ppbv	96
59) m/p-Xylene	13.30	91	503338	1.00	ppbv	97
60) o-Xylene	14.03	91	183883	0.36	ppbv	99
61) Styrene	13.86	104	398765	2.75	ppbv	96
62) Isopropylbenzene	15.00	105	5830666	8.80	ppbv	99
74) 1,2,4-Trimethylbenzene	17.09	105	68983m	0.13	ppbv	
76) 1,4-Dichlorobenzene	17.48	146	38745m	0.12	ppbv	

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

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