

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031293.D
 Acq On : 21 Dec 2017 6:32
 Operator : SY/AP
 Sample : I7005-11
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-10

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:55:12 PM

Quant Time: Dec 22 07:15:45 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	1429050	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3273671	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.42	117	3121732	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3922690	17.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	176.70%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	43945	0.36	ppbv	97
3) Chlorodifluoromethane	3.11	51	5237370	32.23	ppbv	96
4) Chloromethane	3.28	50	17113	0.19	ppbv #	87
9) Propene	3.15	41	2249788	28.21	ppbv #	75
10) Heptane	8.41	43	78203	0.32	ppbv	92
11) Trichlorofluoromethane	4.13	101	63144	0.32	ppbv	92
13) Ethanol	3.77	45	128747	5.60	ppbv	96
15) Acetone	4.02	43	3486039	18.48	ppbv #	80
17) tert-Butyl alcohol	4.50	59	78060	0.74	ppbv #	73
20) Methylene Chloride	4.54	84	22783	0.37	ppbv	88
26) Hexane	5.93	57	115161	0.63	ppbv #	5
27) Carbon Disulfide	4.76	76	40856	0.22	ppbv #	93
28) Methyl tert-Butyl Ether	5.25	73	81601	0.34	ppbv	95
29) Chloroform	6.00	83	281127	1.14	ppbv	100
30) Cyclohexane	7.41	84	319394	1.98	ppbv	89
34) 2-Butanone	5.46	43	7848356	33.95	ppbv	98
35) Carbon Tetrachloride	7.30	117	61527	0.26	ppbv	92
36) Benzene	7.16	78	110414	0.32	ppbv	97
37) 1,2-Dichloroethane	6.57	62	89798	0.47	ppbv	99
38) Trichloroethene	8.12	130	42088m	0.31	ppbv	
41) Tetrahydrofuran	6.30	42	466762	3.59	ppbv	99
42) Bromodichloromethane	8.08	83	42367	0.19	ppbv #	58
44) 2,2,4-Trimethylpentane	8.15	57	200228	0.38	ppbv #	1
51) 2-Hexanone	10.44	43	507475	1.88	ppbv #	99
52) Tetrachloroethene	11.55	164	3464345	27.06	ppbv	96
53) Toluene	10.12	91	955910	2.54	ppbv	100
58) Ethyl Benzene	13.04	91	612580	1.19	ppbv	99
59) m/p-Xylene	13.30	91	906474m	2.20	ppbv	
60) o-Xylene	14.03	91	327025	0.79	ppbv	97
61) Styrene	13.87	104	84381m	0.71	ppbv	
62) Isopropylbenzene	15.01	105	1999935	3.67	ppbv	98
64) n-propylbenzene	15.91	120	513963	3.55	ppbv	78
65) tert-Butylbenzene	17.10	119	290141	0.60	ppbv #	59
67) sec-Butylbenzene	17.65	105	1186874	1.79	ppbv	99
72) 4-Ethyltoluene	16.19	105	196467	0.43	ppbv #	48
73) 1,3,5-Trimethylbenzene	16.35	105	159530	0.39	ppbv	95
74) 1,2,4-Trimethylbenzene	17.11	105	405384	0.95	ppbv	93

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

