

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031283.D
 Acq On : 20 Dec 2017 23:59
 Operator : SY/AP
 Sample : I7005-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-5

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:55:00 PM

Quant Time: Dec 22 05:56:15 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	5.92	49	1585391	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3705028	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.42	117	3413764	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2759685	11.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	63058	0.47	ppbv	97
3) Chlorodifluoromethane	3.12	51	119057m	0.66	ppbv	
4) Chloromethane	3.28	50	38523	0.40	ppbv	97
9) Propene	3.14	41	1589913	17.97	ppbv	98
10) Heptane	8.41	43	353432	1.31	ppbv	98
11) Trichlorofluoromethane	4.13	101	409078	1.86	ppbv	96
13) Ethanol	3.77	45	131770	5.16	ppbv	99
15) Acetone	4.02	43	3912973	18.70	ppbv #	72
17) tert-Butyl alcohol	4.51	59	186058	1.58	ppbv #	73
20) Methylene Chloride	4.54	84	184995	2.67	ppbv	96
26) Hexane	5.93	57	450151	2.22	ppbv #	37
27) Carbon Disulfide	4.76	76	1435220	7.07	ppbv	99
28) Methyl tert-Butyl Ether	5.26	73	37492	0.14	ppbv #	1
29) Chloroform	6.00	83	81471	0.30	ppbv	95
30) Cyclohexane	7.41	84	111276	0.62	ppbv #	73
31) cis-1,2-Dichloroethene	5.79	61	101084	0.55	ppbv	90
32) 1,1,1-Trichloroethane	6.77	97	14119m	0.05	ppbv	
34) 2-Butanone	5.47	43	10693534	40.87	ppbv	95
35) Carbon Tetrachloride	7.30	117	18473	0.07	ppbv #	88
36) Benzene	7.17	78	633190	1.61	ppbv	100
38) Trichloroethene	8.13	130	2071036	13.52	ppbv	98
41) Tetrahydrofuran	6.31	42	46703m	0.32	ppbv	
44) 2,2,4-Trimethylpentane	8.15	57	306281	0.52	ppbv #	57
51) 2-Hexanone	10.45	43	1172650	3.84	ppbv #	97
52) Tetrachloroethene	11.58	164	20234477	139.67	ppbv	94
53) Toluene	10.12	91	1899002	4.46	ppbv	98
58) Ethyl Benzene	13.04	91	358115	0.64	ppbv	97
59) m/p-Xylene	13.30	91	684667	1.52	ppbv	96
60) o-Xylene	14.03	91	434747	0.96	ppbv	99
61) Styrene	13.86	104	61467	0.47	ppbv #	88
62) Isopropylbenzene	15.00	105	84505	0.14	ppbv	98
64) n-propylbenzene	15.89	120	22715m	0.14	ppbv	
72) 4-Ethyltoluene	16.17	105	79986	0.16	ppbv #	82
73) 1,3,5-Trimethylbenzene	16.33	105	117326	0.26	ppbv	96
74) 1,2,4-Trimethylbenzene	17.10	105	130023	0.28	ppbv #	75

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

