

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031291.D
 Acq On : 21 Dec 2017 5:14
 Operator : SY/AP
 Sample : I7005-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-9

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:55:10 PM

Quant Time: Dec 22 07:04:07 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	1404806	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3386566	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3237794	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2550255	11.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	148990	1.26	ppbv	94
3) Chlorodifluoromethane	3.11	51	145832	0.91	ppbv	99
4) Chloromethane	3.27	50	21895	0.25	ppbv	97
9) Propene	3.14	41	2204689	28.12	ppbv	98
10) Heptane	8.41	43	450694	1.89	ppbv	99
11) Trichlorofluoromethane	4.13	101	524586	2.69	ppbv	99
13) Ethanol	3.77	45	324850	14.37	ppbv	98
15) Acetone	4.02	43	5096825	27.49	ppbv #	56
17) tert-Butyl alcohol	4.50	59	249308	2.40	ppbv	96
20) Methylene Chloride	4.55	84	222396	3.62	ppbv	95
26) Hexane	5.93	57	897067	4.99	ppbv #	38
27) Carbon Disulfide	4.76	76	229722	1.28	ppbv	94
29) Chloroform	6.01	83	383547	1.58	ppbv	95
30) Cyclohexane	7.41	84	178263	1.13	ppbv #	54
32) 1,1,1-Trichloroethane	6.78	97	8642	0.03	ppbv #	89
34) 2-Butanone	5.47	43	13434582	56.17	ppbv #	90
35) Carbon Tetrachloride	7.30	117	25196	0.10	ppbv	94
36) Benzene	7.16	78	469867	1.31	ppbv	98
38) Trichloroethene	8.13	130	5417m	0.04	ppbv	
44) 2,2,4-Trimethylpentane	8.16	57	1068099	1.97	ppbv #	86
50) 4-Methyl-2-Pentanone	9.04	43	43887	0.15	ppbv	94
51) 2-Hexanone	10.44	43	1796893	6.43	ppbv #	96
52) Tetrachloroethene	11.55	164	184658	1.39	ppbv	97
53) Toluene	10.12	91	1233392	3.17	ppbv	98
58) Ethyl Benzene	13.03	91	176915	0.33	ppbv	100
59) m/p-Xylene	13.29	91	419804	0.98	ppbv	100
60) o-Xylene	14.02	91	162135	0.38	ppbv	99
61) Styrene	13.86	104	52348	0.42	ppbv	91
62) Isopropylbenzene	15.00	105	31253	0.06	ppbv	99
72) 4-Ethyltoluene	16.17	105	49021m	0.10	ppbv	
73) 1,3,5-Trimethylbenzene	16.33	105	48366	0.12	ppbv	95
74) 1,2,4-Trimethylbenzene	17.09	105	105376	0.24	ppbv #	68

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

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