

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031281.D
 Acq On : 20 Dec 2017 22:40
 Operator : SY/AP
 Sample : I7005-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-4

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:54:57 PM

Quant Time: Dec 22 05:48:44 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	1562474	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.47	114	3655535	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.44	117	3196331	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.77	95	2624360	11.54	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	44929	0.34	ppbv	96
3) Chlorodifluoromethane	3.11	51	108990	0.61	ppbv	96
5) Vinyl Chloride	3.40	62	437718	4.41	ppbv	98
9) Propene	3.14	41	1094978	12.56	ppbv	98
10) Heptane	8.42	43	565619	2.13	ppbv	99
11) Trichlorofluoromethane	4.13	101	77035	0.36	ppbv	100
13) Ethanol	3.77	45	187056	7.44	ppbv	99
15) Acetone	4.04	43	3827971	18.56	ppbv #	47
17) tert-Butyl alcohol	4.50	59	162651	1.41	ppbv #	93
18) 1,1-Dichloroethene	4.49	96	17954	0.26	ppbv	79
20) Methylene Chloride	4.55	84	243998	3.58	ppbv	97
22) trans-1,2-Dichloroethene	5.11	96	1342493	16.04	ppbv	99
26) Hexane	5.93	57	482218	2.41	ppbv #	38
27) Carbon Disulfide	4.76	76	231818	1.16	ppbv #	94
28) Methyl tert-Butyl Ether	5.27	73	108891	0.42	ppbv #	13
29) Chloroform	6.01	83	339444	1.26	ppbv	100
30) Cyclohexane	7.41	84	134731	0.77	ppbv	93
31) cis-1,2-Dichloroethene	5.80	61	25204628	139.08	ppbv #	57
34) 2-Butanone	5.49	43	11922806	46.18	ppbv	94
36) Benzene	7.18	78	1640258	4.23	ppbv	98
38) Trichloroethene	8.14	130	17622349	116.61	ppbv	91
44) 2,2,4-Trimethylpentane	8.17	57	1609685	2.75	ppbv #	88
51) 2-Hexanone	10.46	43	1827246	6.06	ppbv #	86
52) Tetrachloroethene	11.68	164	61191362m	428.11	ppbv	
53) Toluene	10.13	91	564181	1.34	ppbv	97
58) Ethyl Benzene	13.07	91	248246	0.47	ppbv	95
59) m/p-Xylene	13.32	91	370679m	0.88	ppbv	
60) o-Xylene	14.04	91	229128	0.54	ppbv	98
61) Styrene	13.88	104	53018	0.43	ppbv	92
62) Isopropylbenzene	15.02	105	92798	0.17	ppbv	97
64) n-propylbenzene	15.91	120	29690	0.20	ppbv	71
72) 4-Ethyltoluene	16.18	105	85377	0.18	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.34	105	52891m	0.13	ppbv	
74) 1,2,4-Trimethylbenzene	17.11	105	180201m	0.41	ppbv	

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

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