

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031285.D
 Acq On : 21 Dec 2017 1:18
 Operator : SY/AP
 Sample : I7005-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-6

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:55:05 PM

Quant Time: Dec 22 06:11:25 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	1588178	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3665964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.42	117	3333280	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.78	95	6528065	27.53	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	275.30%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	69923	0.52	ppbv	99
4) Chloromethane	3.28	50	38923	0.40	ppbv	91
5) Vinyl Chloride	3.40	62	107939	1.07	ppbv	98
9) Propene	3.14	41	1345619	15.18	ppbv	99
10) Heptane	8.41	43	363900	1.35	ppbv	98
11) Trichlorofluoromethane	4.13	101	678953	3.08	ppbv	97
13) Ethanol	3.77	45	221661	8.67	ppbv	99
15) Acetone	4.02	43	4597296	21.93	ppbv #	56
17) tert-Butyl alcohol	4.50	59	305166	2.59	ppbv	96
20) Methylene Chloride	4.55	84	76353	1.10	ppbv	97
26) Hexane	5.93	57	331505	1.63	ppbv #	5
27) Carbon Disulfide	4.76	76	332373	1.63	ppbv	94
28) Methyl tert-Butyl Ether	5.25	73	56023m	0.21	ppbv	
29) Chloroform	6.00	83	162214	0.59	ppbv	99
30) Cyclohexane	7.41	84	61337	0.34	ppbv	89
31) cis-1,2-Dichloroethene	5.79	61	57423	0.31	ppbv	91
32) 1,1,1-Trichloroethane	6.78	97	496084	1.69	ppbv	96
34) 2-Butanone	5.47	43	12767085	49.31	ppbv	91
35) Carbon Tetrachloride	7.30	117	11722m	0.04	ppbv	
36) Benzene	7.17	78	726378	1.87	ppbv	99
38) Trichloroethene	8.13	130	242140	1.60	ppbv	99
41) Tetrahydrofuran	6.31	42	53019	0.36	ppbv	93
44) 2,2,4-Trimethylpentane	8.16	57	5633990	9.60	ppbv	94
51) 2-Hexanone	10.44	43	2170273	7.18	ppbv #	83
52) Tetrachloroethene	11.57	164	11893971	82.98	ppbv	96
53) Toluene	10.12	91	5115827	12.14	ppbv	100
58) Ethyl Benzene	13.05	91	5865929	10.66	ppbv	98
59) m/p-Xylene	13.32	91	17669616	40.11	ppbv	97
60) o-Xylene	14.07	91	10459390m	23.55	ppbv	
62) Isopropylbenzene	15.05	105	1832342	3.15	ppbv	99
64) n-propylbenzene	15.98	120	444469m	2.88	ppbv	
67) sec-Butylbenzene	17.71	105	891613	1.26	ppbv	97
72) 4-Ethyltoluene	16.19	105	8815854m	18.12	ppbv	
73) 1,3,5-Trimethylbenzene	16.43	105	3723173m	8.60	ppbv	
74) 1,2,4-Trimethylbenzene	17.19	105	3079741	6.76	ppbv #	77

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

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