

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032044.D
 Acq On : 2 Jun 2018 6:45
 Operator : SY/AP
 Sample : J3137-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 3:36:00 PM

Quant Time: Jun 03 14:12:00 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.86	49	1124821	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2141604	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.36	117	2201142	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1728560	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.15	85	20354	0.15	ppbv	96
3) Chlorodifluoromethane	3.08	51	36372m	0.34	ppbv	
4) Chloromethane	3.25	50	44071	0.82	ppbv	98
5) Vinyl Chloride	3.36	62	9249	0.16	ppbv	96
6) Bromomethane	3.59	94	8359m	0.20	ppbv	
7) Chloroethane	3.68	64	6763	0.27	ppbv	96
9) Propene	3.11	41	84980	2.46	ppbv	92
10) Heptane	8.36	43	96730	0.79	ppbv	97
11) Trichlorofluoromethane	4.09	101	76328	0.37	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.64	101	44188	0.31	ppbv	96
14) Bromoethene	3.87	108	6841	0.14	ppbv #	92
15) Acetone	3.99	43	1068652	7.88	ppbv	96
18) 1,1-Dichloroethene	4.44	96	10509m	0.17	ppbv	
20) Methylene Chloride	4.50	84	73882	1.20	ppbv	97
22) trans-1,2-Dichloroethene	5.07	96	12141m	0.18	ppbv	
24) 1,1-Dichloroethane	5.18	63	32862m	0.18	ppbv	
26) Hexane	5.88	57	246160	1.97	ppbv #	51
27) Carbon Disulfide	4.72	76	362045	2.21	ppbv	95
29) Chloroform	5.95	83	246517	1.17	ppbv	98
30) Cyclohexane	7.36	84	43015m	0.58	ppbv	
31) cis-1,2-Dichloroethene	5.75	61	13844	0.12	ppbv #	93
32) 1,1,1-Trichloroethane	6.73	97	26656	0.16	ppbv	98
34) 2-Butanone	5.44	43	174308	1.03	ppbv	95
35) Carbon Tetrachloride	7.24	117	424004	2.32	ppbv	98
36) Benzene	7.12	78	153965	0.82	ppbv	98
37) 1,2-Dichloroethane	6.52	62	33408m	0.25	ppbv	
38) Trichloroethene	8.08	130	21138	0.29	ppbv #	81
42) Bromodichloromethane	8.03	83	27607	0.16	ppbv #	98
44) 2,2,4-Trimethylpentane	8.11	57	199079	0.62	ppbv #	76
47) 1,1,2-Trichloroethane	9.73	97	12169m	0.14	ppbv	
48) Dibromochloromethane	10.58	129	16943m	0.12	ppbv	
49) Bromoform	13.32	173	10532m	0.09	ppbv	
52) Tetrachloroethene	11.50	164	16367m	0.22	ppbv	
53) Toluene	10.07	91	558384	2.65	ppbv	99
54) 1,2-Dibromoethane	10.88	107	18508m	0.15	ppbv	
58) Ethyl Benzene	12.99	91	156067	0.50	ppbv	90
59) m/p-Xylene	13.24	91	525468	1.94	ppbv	99
60) o-Xylene	13.97	91	191045	0.70	ppbv	99
64) n-propylbenzene	15.85	120	21361m	0.25	ppbv	
69) p-Isopropyltoluene	17.94	119	53261	0.16	ppbv #	88
70) n-Butylbenzene	18.84	91	61434m	0.17	ppbv	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2-Chlorotoluene	15.74	91	27286	0.11	ppbv	89
72) 4-Ethyltoluene	16.12	105	94891	0.35	ppbv #	90
73) 1,3,5-Trimethylbenzene	16.28	105	78501	0.31	ppbv	94
74) 1,2,4-Trimethylbenzene	17.04	105	268989	0.96	ppbv #	71
79) Naphthalene	22.56	128	89950	0.56	ppbv #	90

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

