

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032850.D
 Acq On : 30 Nov 2018 15:49
 Operator : SY/AP
 Sample : J6132-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SITE-D-DUP

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 4:15:11 PM

Quant Time: Dec 01 02:43:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 1
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1453525	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3896012	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3900017	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	3342048	11.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.02	51	34682	0.301	ppbv	95
4) Chloromethane	3.18	50	31180m	0.488	ppbv	
9) Propene	3.05	41	8473497m	183.744	ppbv	
10) Heptane	8.27	43	1710794	9.717	ppbv	99
11) Trichlorofluoromethane	4.02	101	50785	0.258	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.56	101	19263m	0.120	ppbv	
13) Ethanol	3.65	45	591186	39.139	ppbv	99
15) Acetone	3.90	43	3263720	24.587	ppbv #	56
20) Methylene Chloride	4.42	84	242649	3.531	ppbv	97
26) Hexane	5.80	57	3210196	23.310	ppbv #	44
27) Carbon Disulfide	4.63	76	15311285	87.678	ppbv #	87
28) Methyl tert-Butyl Ether	5.13	73	180388	0.821	ppbv #	54
29) Chloroform	5.86	83	51032	0.208	ppbv	99
30) Cyclohexane	7.27	84	14014830	116.351	ppbv	93
34) 2-Butanone	5.34	43	4752998	23.521	ppbv	99
35) Carbon Tetrachloride	7.15	117	29201	0.093	ppbv #	73
36) Benzene	7.02	78	21920633	70.656	ppbv #	67
44) 2,2,4-Trimethylpentane	8.01	57	1376342	2.655	ppbv #	1
52) Tetrachloroethene	11.39	164	30019m	0.278	ppbv	
53) Toluene	9.97	91	15864490	49.016	ppbv	92
58) Ethyl Benzene	12.88	91	4085700	8.705	ppbv	96
59) m/p-Xylene	13.14	91	10938051	26.178	ppbv	94
60) o-Xylene	13.86	91	5526679	13.155	ppbv	97
61) Styrene	13.70	104	259674	0.949	ppbv	98
62) Isopropylbenzene	14.84	105	705497	1.242	ppbv	99
64) n-propylbenzene	15.73	120	149181m	0.999	ppbv	
67) sec-Butylbenzene	17.47	105	257781	0.351	ppbv	97
69) p-Isopropyltoluene	17.83	119	367941m	0.631	ppbv	
70) n-Butylbenzene	18.73	91	318617	0.538	ppbv #	38
72) 4-Ethyltoluene	16.01	105	1000263	2.172	ppbv	99
73) 1,3,5-Trimethylbenzene	16.17	105	1863354	4.139	ppbv	99
74) 1,2,4-Trimethylbenzene	16.94	105	3444689	7.150	ppbv #	71
79) Naphthalene	22.42	128	351432	1.110	ppbv	98
80) Naphthalene,2-methyl-	25.12	142	38093	0.481	ppbv #	81

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

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