

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113018\
 Data File : VL032860.D
 Acq On : 30 Nov 2018 22:18
 Operator : SY/AP
 Sample : J6132-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DSV-03

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 4:16:13 PM

Quant Time: Dec 03 16:22:43 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	1501251	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3749208	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	4066094	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	3281170	10.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	23644	0.110	ppbv	94
4) Chloromethane	3.17	50	38520	0.584	ppbv	93
9) Propene	3.05	41	12269576m	257.603	ppbv	
10) Heptane	8.27	43	2234011	12.286	ppbv	99
11) Trichlorofluoromethane	4.02	101	51437	0.253	ppbv	92
13) Ethanol	3.66	45	733598	47.023	ppbv	99
15) Acetone	3.90	43	3761552	27.437	ppbv #	50
20) Methylene Chloride	4.42	84	276773	3.900	ppbv	94
26) Hexane	5.80	57	4861189	34.176	ppbv #	44
27) Carbon Disulfide	4.63	76	13991482	77.574	ppbv #	89
30) Cyclohexane	7.27	84	16991528	136.579	ppbv	92
34) 2-Butanone	5.34	43	2031574	10.447	ppbv	97
35) Carbon Tetrachloride	7.15	117	14924m	0.050	ppbv	
36) Benzene	7.02	78	21985251	73.639	ppbv #	67
44) 2,2,4-Trimethylpentane	8.01	57	2481109	4.973	ppbv #	1
52) Tetrachloroethene	11.39	164	24075	0.232	ppbv #	80
53) Toluene	9.97	91	15082287	48.424	ppbv	93
58) Ethyl Benzene	12.88	91	3928200	8.027	ppbv	98
59) m/p-Xylene	13.14	91	9880367	22.681	ppbv	94
60) o-Xylene	13.86	91	4920397	11.233	ppbv	96
61) Styrene	13.70	104	208432	0.731	ppbv	96
62) Isopropylbenzene	14.84	105	590272	0.997	ppbv	99
64) n-propylbenzene	15.74	120	164858	1.059	ppbv	97
67) sec-Butylbenzene	17.47	105	164441	0.215	ppbv	96
69) p-Isopropyltoluene	17.83	119	221042	0.363	ppbv	99
70) n-Butylbenzene	18.73	91	296999	0.481	ppbv #	34
72) 4-Ethyltoluene	16.01	105	1124182	2.342	ppbv	99
73) 1,3,5-Trimethylbenzene	16.17	105	1616279	3.443	ppbv	99
74) 1,2,4-Trimethylbenzene	16.94	105	3669443	7.305	ppbv #	69
79) Naphthalene	22.42	128	203968	0.618	ppbv #	95

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

