

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032496.D
 Acq On : 11 Sep 2018 2:41
 Operator : SY/AP
 Sample : J4820-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 253-BERRY

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 3:59:47 PM

Quant Time: Sep 11 16:21:23 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31

QLast Update : Fri Aug 31 21:33:46 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1349623	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3225875	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3189907	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2458567	10.38	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.10	85	49954	0.29	ppbv	94
3) Chlorodifluoromethane	3.04	51	49025m	0.40	ppbv	
4) Chloromethane	3.20	50	76499	1.03	ppbv	96
7) Chloroethane	3.63	64	9055	0.36	ppbv #	87
9) Propene	3.06	41	3614971	73.35	ppbv	96
10) Heptane	8.29	43	205688	1.16	ppbv	100
11) Trichlorofluoromethane	4.04	101	66447	0.43	ppbv	92
13) Ethanol	3.70	45	503008	32.74	ppbv	98
15) Acetone	3.94	43	6824080m	56.15	ppbv	
20) Methylene Chloride	4.45	84	498307	10.75	ppbv	94
26) Hexane	5.82	57	745743	5.80	ppbv #	9
27) Carbon Disulfide	4.66	76	201970	1.70	ppbv #	93
29) Chloroform	5.91	83	864716	4.41	ppbv	98
30) Cyclohexane	7.29	84	44092	0.47	ppbv #	1
34) 2-Butanone	5.38	43	27802710	129.75	ppbv #	66
36) Benzene	7.06	78	955410	3.48	ppbv	98
51) 2-Hexanone	10.31	43	13058094	62.81	ppbv #	95
52) Tetrachloroethene	11.42	164	164696	1.93	ppbv	97
53) Toluene	10.00	91	853766	2.98	ppbv	100
58) Ethyl Benzene	12.91	91	280892	0.74	ppbv	96
59) m/p-Xylene	13.17	91	808492	2.38	ppbv	99
60) o-Xylene	13.89	91	390843	1.17	ppbv	98
61) Styrene	13.73	104	412060	1.90	ppbv	98
62) Isopropylbenzene	14.88	105	372794	0.79	ppbv	98
64) n-propylbenzene	15.77	120	30171m	0.25	ppbv	
69) p-Isopropyltoluene	17.87	119	123749m	0.26	ppbv	
72) 4-Ethyltoluene	16.05	105	154502	0.42	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.20	105	169133m	0.46	ppbv	
74) 1,2,4-Trimethylbenzene	16.97	105	521056	1.30	ppbv #	69
79) Naphthalene	22.47	128	71844m	0.22	ppbv	

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

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