

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032498.D
 Acq On : 11 Sep 2018 4:00
 Operator : SY/AP
 Sample : J4820-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 255-BERRY

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 3:59:49 PM

Quant Time: Sep 11 16:35:11 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	5.85	49	1374167	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.37	114	3275868	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.30	117	3144840	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2381533	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.10	85	34510	0.20	ppbv	94
4) Chloromethane	3.20	50	170911	2.27	ppbv	96
7) Chloroethane	3.63	64	16823	0.65	ppbv #	77
9) Propene	3.06	41	10317501	205.62	ppbv	95
10) Heptane	8.30	43	378812	2.10	ppbv	98
11) Trichlorofluoromethane	4.04	101	113730	0.72	ppbv	93
13) Ethanol	3.74	45	2094608	133.92	ppbv	98
15) Acetone	3.96	43	17594335m	142.18	ppbv	
20) Methylene Chloride	4.48	84	165800	3.51	ppbv	96
26) Hexane	5.82	57	722600	5.52	ppbv #	9
27) Carbon Disulfide	4.66	76	185864	1.54	ppbv #	44
29) Chloroform	5.94	83	1795851	9.00	ppbv	97
34) 2-Butanone	5.39	43	55357817m	254.41	ppbv	
36) Benzene	7.07	78	732545	2.63	ppbv	98
38) Trichloroethene	8.03	130	75003	0.71	ppbv	95
48) Dibromochloromethane	10.53	129	48393m	0.28	ppbv	
51) 2-Hexanone	10.34	43	27772823	131.54	ppbv #	83
52) Tetrachloroethene	11.43	164	102290m	1.18	ppbv	
53) Toluene	10.01	91	977884	3.36	ppbv	99
58) Ethyl Benzene	12.92	91	472612	1.26	ppbv	96
59) m/p-Xylene	13.18	91	1750674	5.22	ppbv	97
60) o-Xylene	13.90	91	849280	2.58	ppbv	100
61) Styrene	13.74	104	970781	4.55	ppbv	98
62) Isopropylbenzene	14.88	105	963184	2.08	ppbv	98
64) n-propylbenzene	15.77	120	51019m	0.42	ppbv	
69) p-Isopropyltoluene	17.88	119	264870	0.57	ppbv #	87
72) 4-Ethyltoluene	16.06	105	308101	0.86	ppbv	97
73) 1,3,5-Trimethylbenzene	16.21	105	258063	0.72	ppbv	92
74) 1,2,4-Trimethylbenzene	16.98	105	985957	2.50	ppbv #	68
79) Naphthalene	22.47	128	144566	0.45	ppbv	97

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

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