

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\
 Data File : VL032490.D
 Acq On : 10 Sep 2018 22:43
 Operator : SY/AP
 Sample : J4820-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 243-BERRY

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 3:59:40 PM

Quant Time: Sep 11 15:53:34 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	5.80	49	1455555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3478100	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.28	117	3303228	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.62	95	2440183	9.95	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.10	85	89451	0.48	ppbv	98
3) Chlorodifluoromethane	3.04	51	55398m	0.42	ppbv	
4) Chloromethane	3.20	50	42006	0.53	ppbv	92
9) Propene	3.06	41	532523	10.02	ppbv	98
11) Trichlorofluoromethane	4.03	101	40031	0.24	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.58	101	13083m	0.12	ppbv	
13) Ethanol	3.69	45	205818	12.42	ppbv	98
15) Acetone	3.93	43	2077987	15.85	ppbv #	67
19) Isopropyl Alcohol	4.07	45	63524m	0.74	ppbv	
20) Methylene Chloride	4.44	84	273770	5.48	ppbv	98
26) Hexane	5.82	57	294967	2.13	ppbv #	47
27) Carbon Disulfide	4.65	76	76100	0.59	ppbv #	81
29) Chloroform	5.89	83	140190	0.66	ppbv	91
34) 2-Butanone	5.36	43	7727894	33.45	ppbv	96
35) Carbon Tetrachloride	7.17	117	18698m	0.08	ppbv	
36) Benzene	7.05	78	107408	0.36	ppbv	98
38) Trichloroethene	8.00	130	81939m	0.73	ppbv	
44) 2,2,4-Trimethylpentane	8.04	57	87004	0.15	ppbv #	66
51) 2-Hexanone	10.32	43	570197	2.54	ppbv #	99
52) Tetrachloroethene	11.42	164	8385m	0.09	ppbv	
53) Toluene	10.00	91	139343m	0.45	ppbv	
58) Ethyl Benzene	12.91	91	54823m	0.14	ppbv	
59) m/p-Xylene	13.17	91	109959m	0.31	ppbv	
60) o-Xylene	13.89	91	51509m	0.15	ppbv	
74) 1,2,4-Trimethylbenzene	16.97	105	84792	0.20	ppbv #	75

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

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