

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032443.D
 Acq On : 31 Aug 2018 16:23
 Operator : SY/AP
 Sample : J4472-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

apatel
 9/4/2018 8:26:20 AM

Quant Time: Sep 02 22:20:29 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	1837758	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3455637	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3498106	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2678040	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.11	85	115254	0.490	ppbv	96
3) Chlorodifluoromethane	3.04	51	97783m	0.588	ppbv	
4) Chloromethane	3.20	50	123141	1.222	ppbv	93
6) Bromomethane	3.55	94	6563m	0.126	ppbv	
9) Propene	3.06	41	596384	8.887	ppbv	98
11) Trichlorofluoromethane	4.04	101	706571	3.333	ppbv	96
13) Ethanol	3.68	45	588280	28.124	ppbv	96
15) Acetone	3.93	43	3054624	18.458	ppbv	98
17) tert-Butyl alcohol	4.40	59	40681m	1.597	ppbv	
19) Isopropyl Alcohol	4.07	45	1780486	16.400	ppbv #	98
20) Methylene Chloride	4.44	84	433473	6.869	ppbv	95
26) Hexane	5.82	57	487256	2.784	ppbv #	63
29) Chloroform	5.89	83	59248	0.222	ppbv	93
30) Cyclohexane	7.29	84	25453m	0.199	ppbv	
34) 2-Butanone	5.37	43	1043672	4.547	ppbv	100
35) Carbon Tetrachloride	7.18	117	18942m	0.082	ppbv	
36) Benzene	7.05	78	235620	0.801	ppbv	97
38) Trichloroethene	8.01	130	50710m	0.454	ppbv	
44) 2,2,4-Trimethylpentane	8.03	57	84305	0.148	ppbv #	71
50) 4-Methyl-2-Pentanone	8.93	43	138199m	0.400	ppbv	
51) 2-Hexanone	10.32	43	137207	0.616	ppbv #	97
52) Tetrachloroethene	11.43	164	101650m	1.115	ppbv	
53) Toluene	10.00	91	1045353	3.401	ppbv	100
58) Ethyl Benzene	12.91	91	85011m	0.203	ppbv	
59) m/p-Xylene	13.17	91	230812m	0.618	ppbv	
60) o-Xylene	13.90	91	111063	0.303	ppbv	99
61) Styrene	13.74	104	49270	0.208	ppbv	93
74) 1,2,4-Trimethylbenzene	16.98	105	89080	0.203	ppbv #	69
76) 1,4-Dichlorobenzene	17.36	146	8232460	34.109	ppbv	98
79) Naphthalene	22.47	128	92573m	0.260	ppbv	

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

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