

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032447.D
 Acq On : 31 Aug 2018 19:06
 Operator : SY/AP
 Sample : J4717-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-04

Manual Integrations
 APPROVED

apatel
 9/4/2018 8:26:48 AM

Quant Time: Sep 02 22:45:21 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	5.81	49	1667142	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3489312	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3341000	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2557149	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.10	85	28968	0.136	ppbv	98
3) Chlorodifluoromethane	3.04	51	48468	0.321	ppbv	100
4) Chloromethane	3.20	50	20207	0.221	ppbv	95
9) Propene	3.06	41	9978707	163.920	ppbv	99
10) Heptane	8.30	43	891648	4.083	ppbv	98
11) Trichlorofluoromethane	4.04	101	110276	0.573	ppbv	94
13) Ethanol	3.69	45	837099	44.114	ppbv	98
15) Acetone	3.94	43	16603861	110.596	ppbv #	78
16) 1,3-Butadiene	3.38	39	2268299m	32.108	ppbv	
17) tert-Butyl alcohol	4.40	59	1013709	43.877	ppbv #	100
20) Methylene Chloride	4.46	84	796349	13.911	ppbv	97
26) Hexane	5.83	57	2479193	15.617	ppbv #	40
27) Carbon Disulfide	4.66	76	246656	1.683	ppbv	97
29) Chloroform	5.90	83	240026	0.992	ppbv	97
30) Cyclohexane	7.30	84	96423m	0.830	ppbv	
34) 2-Butanone	5.37	43	4356722	18.798	ppbv	99
36) Benzene	7.06	78	1775844	5.981	ppbv	97
50) 4-Methyl-2-Pentanone	8.92	43	614196	1.759	ppbv	98
51) 2-Hexanone	10.32	43	884127	3.931	ppbv #	96
52) Tetrachloroethene	11.43	164	47437m	0.515	ppbv	
53) Toluene	10.00	91	5029243	16.203	ppbv	99
58) Ethyl Benzene	12.92	91	1852045	4.632	ppbv	95
59) m/p-Xylene	13.17	91	5126178	14.381	ppbv	98
60) o-Xylene	13.90	91	1607839	4.592	ppbv	98
62) Isopropylbenzene	14.88	105	125566	0.255	ppbv	91
64) n-propylbenzene	15.78	120	196323	1.526	ppbv	80
72) 4-Ethyltoluene	16.06	105	1034739	2.707	ppbv	97
73) 1,3,5-Trimethylbenzene	16.22	105	538891	1.407	ppbv	95
74) 1,2,4-Trimethylbenzene	16.99	105	2016219	4.815	ppbv #	70

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

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