

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083118\
 Data File : VL032445.D
 Acq On : 31 Aug 2018 17:43
 Operator : SY/AP
 Sample : J4472-02DUP
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DUP

Manual Integrations
 APPROVED

apatel
 9/4/2018 8:26:45 AM

Quant Time: Sep 02 22:18:06 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	1831816	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3485426	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3439264	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2670863	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.11	85	89357	0.381	ppbv	100
3) Chlorodifluoromethane	3.04	51	92348m	0.557	ppbv	
4) Chloromethane	3.20	50	124736	1.242	ppbv	92
6) Bromomethane	3.55	94	6146m	0.118	ppbv	
7) Chloroethane	3.63	64	4245	0.124	ppbv #	75
9) Propene	3.06	41	569938	8.521	ppbv	98
11) Trichlorofluoromethane	4.04	101	697888	3.303	ppbv	98
13) Ethanol	3.69	45	588152	28.209	ppbv	96
15) Acetone	3.93	43	3061423	18.559	ppbv	99
17) tert-Butyl alcohol	4.41	59	37741	1.487	ppbv #	100
19) Isopropyl Alcohol	4.07	45	1745188	16.127	ppbv #	98
20) Methylene Chloride	4.45	84	417650	6.640	ppbv	95
26) Hexane	5.82	57	483168	2.770	ppbv #	62
29) Chloroform	5.89	83	61775	0.232	ppbv	84
30) Cyclohexane	7.32	84	30173m	0.236	ppbv	
34) 2-Butanone	5.37	43	1002512	4.330	ppbv	99
36) Benzene	7.05	78	239786	0.808	ppbv	99
38) Trichloroethene	8.01	130	50954	0.452	ppbv	95
44) 2,2,4-Trimethylpentane	8.04	57	87933m	0.153	ppbv	
50) 4-Methyl-2-Pentanone	8.93	43	136028m	0.390	ppbv	
51) 2-Hexanone	10.33	43	147419m	0.656	ppbv	
52) Tetrachloroethene	11.42	164	99815	1.085	ppbv	89
53) Toluene	10.00	91	1023114	3.300	ppbv	99
58) Ethyl Benzene	12.92	91	84463m	0.205	ppbv	
59) m/p-Xylene	13.18	91	231545m	0.631	ppbv	
60) o-Xylene	13.90	91	109868	0.305	ppbv	99
61) Styrene	13.74	104	48636m	0.208	ppbv	
74) 1,2,4-Trimethylbenzene	16.97	105	94908	0.220	ppbv #	73
76) 1,4-Dichlorobenzene	17.37	146	8285677	34.917	ppbv	99
79) Naphthalene	22.47	128	77160m	0.220	ppbv	

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

