

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
 Data File : VL033047.D
 Acq On : 21 Dec 2018 9:31
 Operator : SY/AP
 Sample : J6522-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-01

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 8:26:34 AM

Quant Time: Dec 22 05:44:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	999472	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2319800	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2284052	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	1748197	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	81974	0.614	ppbv	100
3) Chlorodifluoromethane	3.01	51	210448m	2.780	ppbv	
4) Chloromethane	3.17	50	27676	0.628	ppbv	91
9) Propene	3.06	41	501478m	16.755	ppbv	
11) Trichlorofluoromethane	4.01	101	171825	1.367	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.57	101	10680	0.100	ppbv	96
13) Ethanol	3.67	45	3613670	350.664	ppbv	96
15) Acetone	3.90	43	6569968	76.584	ppbv	98
17) tert-Butyl alcohol	4.37	59	1550365	70.982	ppbv #	79
19) Isopropyl Alcohol	4.04	45	354244	6.575	ppbv #	1
20) Methylene Chloride	4.42	84	1398249	33.348	ppbv	96
26) Hexane	5.79	57	1425657	15.237	ppbv #	44
27) Carbon Disulfide	4.63	76	490043	4.189	ppbv	99
29) Chloroform	5.86	83	2209401	13.234	ppbv	95
31) cis-1,2-Dichloroethene	5.65	61	140896	1.641	ppbv	95
32) 1,1,1-Trichloroethane	6.64	97	16441m	0.093	ppbv	
34) 2-Butanone	5.34	43	170647m	1.689	ppbv	
36) Benzene	7.02	78	11167	0.065	ppbv #	83
42) Bromodichloromethane	7.92	83	25031m	0.156	ppbv	
47) 1,1,2-Trichloroethane	9.62	97	6699m	0.094	ppbv	
52) Tetrachloroethene	11.39	164	18780m	0.303	ppbv	
53) Toluene	9.96	91	93586	0.517	ppbv	97
58) Ethyl Benzene	12.88	91	33532m	0.138	ppbv	
59) m/p-Xylene	13.13	91	144493m	0.654	ppbv	
60) o-Xylene	13.86	91	39346m	0.176	ppbv	

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

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