

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122018\
 Data File : VL033049.D
 Acq On : 21 Dec 2018 11:11
 Operator : SY/AP
 Sample : J6480-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDUP

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 8:26:35 AM

Quant Time: Dec 22 05:47:30 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	856519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	1993427	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	1841216	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	1505420	11.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35838	0.313	ppbv	99
3) Chlorodifluoromethane	3.02	51	28323m	0.437	ppbv	
4) Chloromethane	3.18	50	31582	0.836	ppbv	92
9) Propene	3.05	41	13417m	0.523	ppbv	
11) Trichlorofluoromethane	4.01	101	44817	0.416	ppbv	88
12) 1,1,2-Trichlorotrifluoroet	4.56	101	10697m	0.116	ppbv	
13) Ethanol	3.66	45	34553m	3.913	ppbv	
15) Acetone	3.91	43	237134	3.226	ppbv	99
20) Methylene Chloride	4.42	84	188276	5.240	ppbv	99
24) 1,1-Dichloroethane	5.10	63	25505	0.236	ppbv #	94
26) Hexane	5.79	57	180445	2.250	ppbv #	43
32) 1,1,1-Trichloroethane	6.63	97	142666	0.942	ppbv	98
34) 2-Butanone	5.35	43	11289m	0.130	ppbv	
35) Carbon Tetrachloride	7.14	117	12024m	0.077	ppbv	
36) Benzene	7.02	78	13119m	0.089	ppbv	
53) Toluene	9.96	91	29353m	0.189	ppbv	

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

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