

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033844.D
 Acq On : 29 May 2019 20:48
 Operator : SY/AP
 Sample : K3067-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-25-20190522-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:45:18 PM

Quant Time: May 30 02:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	713467	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1778093	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1651224	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1404883	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.01	51	16769m	0.205	ppbv	
4) Chloromethane	3.17	50	12047	0.258	ppbv #	83
11) Trichlorofluoromethane	4.00	101	63893	0.445	ppbv	97
13) Ethanol	3.65	45	218169	19.418	ppbv	99
15) Acetone	3.90	43	1078433	10.894	ppbv	97
17) tert-Butyl alcohol	4.37	59	18049m	0.225	ppbv	
20) Methylene Chloride	4.41	84	95348	2.502	ppbv	95
26) Hexane	5.77	57	238826	3.195	ppbv #	40
27) Carbon Disulfide	4.62	76	43148	0.421	ppbv #	78
29) Chloroform	5.84	83	89670	0.651	ppbv	94
32) 1,1,1-Trichloroethane	6.61	97	5501m	0.040	ppbv	
34) 2-Butanone	5.33	43	146927	1.333	ppbv	99
36) Benzene	7.00	78	36819m	0.228	ppbv	
52) Tetrachloroethene	11.37	164	80867	1.422	ppbv	95
53) Toluene	9.94	91	264966	1.519	ppbv	98
59) m/p-Xylene	13.11	91	58005m	0.303	ppbv	
60) o-Xylene	13.84	91	26601	0.138	ppbv	97
74) 1,2,4-Trimethylbenzene	16.92	105	32187m	0.138	ppbv	

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

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