

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033860.D
 Acq On : 30 May 2019 7:36
 Operator : SY/AP
 Sample : K3067-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:59:25 PM

Quant Time: May 30 08:16:55 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	707521	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1625414	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1640834	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1329850	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.01	51	17634m	0.218	ppbv	
4) Chloromethane	3.17	50	5438m	0.117	ppbv	
11) Trichlorofluoromethane	4.00	101	49537	0.348	ppbv	89
13) Ethanol	3.65	45	137117	12.307	ppbv	98
15) Acetone	3.90	43	568013	5.786	ppbv	98
17) tert-Butyl alcohol	4.37	59	12188m	0.154	ppbv	
19) Isopropyl Alcohol	4.03	45	197152	3.115	ppbv #	93
20) Methylene Chloride	4.41	84	11166	0.295	ppbv #	72
26) Hexane	5.77	57	97762	1.319	ppbv #	44
27) Carbon Disulfide	4.62	76	33559	0.330	ppbv #	73
29) Chloroform	5.84	83	32194	0.236	ppbv	93
32) 1,1,1-Trichloroethane	6.62	97	120537	0.884	ppbv	96
34) 2-Butanone	5.33	43	83368	0.827	ppbv	98
35) Carbon Tetrachloride	7.13	117	6572m	0.050	ppbv	
36) Benzene	6.99	78	26509	0.179	ppbv	97
52) Tetrachloroethene	11.36	164	860850	16.563	ppbv	98
53) Toluene	9.94	91	140430	0.881	ppbv	94
59) m/p-Xylene	13.12	91	52464m	0.276	ppbv	
60) o-Xylene	13.84	91	31163m	0.163	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	27504m	0.118	ppbv	

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

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