

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033852.D
 Acq On : 30 May 2019 2:15
 Operator : SY/AP
 Sample : K3067-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-20190523-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:45:48 PM

Quant Time: May 30 03:00:35 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	741737	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1685921	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1704507	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1383423	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	20824	0.133	ppbv #	84
3) Chlorodifluoromethane	3.01	51	33106m	0.390	ppbv	
4) Chloromethane	3.17	50	9793	0.202	ppbv #	78
11) Trichlorofluoromethane	4.00	101	53597	0.359	ppbv	93
13) Ethanol	3.66	45	171246	14.661	ppbv	98
15) Acetone	3.89	43	790594	7.682	ppbv	100
17) tert-Butyl alcohol	4.38	59	20448m	0.246	ppbv	
19) Isopropyl Alcohol	4.04	45	166912	2.515	ppbv #	93
20) Methylene Chloride	4.40	84	72623	1.833	ppbv	93
26) Hexane	5.78	57	121478	1.563	ppbv #	43
27) Carbon Disulfide	4.62	76	34199	0.321	ppbv #	85
29) Chloroform	5.84	83	166078	1.160	ppbv	98
32) 1,1,1-Trichloroethane	6.61	97	28559	0.200	ppbv	99
34) 2-Butanone	5.33	43	153275	1.467	ppbv	97
35) Carbon Tetrachloride	7.13	117	7937m	0.059	ppbv	
36) Benzene	7.00	78	24676	0.161	ppbv	93
38) Trichloroethene	7.95	130	41192	0.724	ppbv	97
44) 2,2,4-Trimethylpentane	7.99	57	26301	0.101	ppbv #	65
50) 4-Methyl-2-Pentanone	8.88	43	25736m	0.160	ppbv	
52) Tetrachloroethene	11.37	164	520046	9.647	ppbv	98
53) Toluene	9.94	91	453191	2.740	ppbv	98
59) m/p-Xylene	13.12	91	26514m	0.134	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	18729	0.078	ppbv #	77

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

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