

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033850.D
 Acq On : 30 May 2019 00:54
 Operator : SY/AP
 Sample : K3067-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 SG-7-20190523-1

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:45:41 PM

Quant Time: May 30 02:55:10 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	729754	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1685984	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1741801	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.57	95	1386820	9.82	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	15700	0.102	ppbv	90
3) Chlorodifluoromethane	3.01	51	31597m	0.378	ppbv	
4) Chloromethane	3.17	50	9475	0.198	ppbv	97
9) Propene	3.04	41	13691m	0.385	ppbv	
11) Trichlorofluoromethane	4.00	101	54580	0.372	ppbv	91
13) Ethanol	3.65	45	199498	17.360	ppbv	100
15) Acetone	3.89	43	893928	8.829	ppbv	99
17) tert-Butyl alcohol	4.36	59	19658m	0.240	ppbv	
19) Isopropyl Alcohol	4.03	45	135876m	2.081	ppbv	
20) Methylene Chloride	4.41	84	27945	0.717	ppbv	88
26) Hexane	5.77	57	109897m	1.437	ppbv	
27) Carbon Disulfide	4.62	76	204593	1.950	ppbv	98
29) Chloroform	5.84	83	197793	1.404	ppbv	97
32) 1,1,1-Trichloroethane	6.61	97	34145	0.243	ppbv	98
34) 2-Butanone	5.33	43	179985	1.722	ppbv	98
35) Carbon Tetrachloride	7.12	117	6282m	0.047	ppbv	
36) Benzene	6.99	78	20692	0.135	ppbv #	91
38) Trichloroethene	7.95	130	10035m	0.176	ppbv	
50) 4-Methyl-2-Pentanone	8.88	43	31450m	0.196	ppbv	
52) Tetrachloroethene	11.37	164	660021	12.243	ppbv	98
53) Toluene	9.94	91	64205	0.388	ppbv	98
59) m/p-Xylene	13.12	91	22411m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	16.91	105	7961	0.032	ppbv #	70

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

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