

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033856.D
 Acq On : 30 May 2019 4:54
 Operator : SY/AP
 Sample : K3067-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-20190523-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:49:37 PM

Quant Time: May 30 06:46:44 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	5.76	49	717438	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1706577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1766336	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1442175	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	25270	0.167	ppbv	91
3) Chlorodifluoromethane	3.01	51	45790m	0.557	ppbv	
4) Chloromethane	3.17	50	11006	0.234	ppbv #	86
9) Propene	3.03	41	26173m	0.749	ppbv	
11) Trichlorofluoromethane	4.00	101	40086	0.278	ppbv	95
13) Ethanol	3.67	45	222085	19.658	ppbv	98
15) Acetone	3.89	43	1694071	17.019	ppbv	100
17) tert-Butyl alcohol	4.37	59	59856	0.744	ppbv	95
19) Isopropyl Alcohol	4.04	45	249148	3.882	ppbv #	94
20) Methylene Chloride	4.40	84	74442	1.942	ppbv	95
26) Hexane	5.77	57	197296	2.625	ppbv #	42
27) Carbon Disulfide	4.62	76	69948	0.678	ppbv #	90
34) 2-Butanone	5.33	43	218379	2.064	ppbv	97
35) Carbon Tetrachloride	7.13	117	8894m	0.065	ppbv	
36) Benzene	6.99	78	77170	0.497	ppbv	98
38) Trichloroethene	7.95	130	10409	0.181	ppbv #	84
44) 2,2,4-Trimethylpentane	7.98	57	61838m	0.236	ppbv	
52) Tetrachloroethene	11.37	164	119377	2.188	ppbv	97
53) Toluene	9.94	91	595133	3.554	ppbv	99
58) Ethyl Benzene	12.85	91	26150m	0.112	ppbv	
59) m/p-Xylene	13.11	91	85954m	0.420	ppbv	
60) o-Xylene	13.85	91	41565	0.202	ppbv	100
74) 1,2,4-Trimethylbenzene	16.92	105	58306	0.233	ppbv #	75

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

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