

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033914.D
 Acq On : 14 Jun 2019 2:09
 Operator : SY/AP
 Sample : K3367-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1-BSMNT

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:24 AM

Quant Time: Jun 16 18:13:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	804327	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2057898	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2067457	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.56	95	1576091	9.28	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	39622m	0.304	ppbv	
3) Chlorodifluoromethane	3.01	51	95764m	1.011	ppbv	
4) Chloromethane	3.17	50	30700	0.568	ppbv	91
9) Propene	3.04	41	105524m	2.978	ppbv	
10) Heptane	8.23	43	30649m	0.342	ppbv	
11) Trichlorofluoromethane	3.99	101	41316	0.245	ppbv	92
13) Ethanol	3.64	45	1748955	151.720	ppbv	96
15) Acetone	3.89	43	911278	7.768	ppbv	95
19) Isopropyl Alcohol	4.03	45	138771	2.071	ppbv #	1
20) Methylene Chloride	4.40	84	33172	0.725	ppbv #	91
26) Hexane	5.77	57	84336	1.037	ppbv #	61
29) Chloroform	5.83	83	156128	1.121	ppbv	90
30) Cyclohexane	7.23	84	13593m	0.237	ppbv	
34) 2-Butanone	5.32	43	45706	0.394	ppbv	97
35) Carbon Tetrachloride	7.12	117	11588m	0.073	ppbv	
36) Benzene	6.99	78	117814	0.749	ppbv	97
38) Trichloroethene	7.95	130	2371m	0.039	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	166993	0.597	ppbv #	80
52) Tetrachloroethene	11.36	164	1265714	22.883	ppbv	96
53) Toluene	9.93	91	458252	2.634	ppbv	98
58) Ethyl Benzene	12.85	91	48623	0.209	ppbv	99
59) m/p-Xylene	13.11	91	167422m	0.790	ppbv	
60) o-Xylene	13.83	91	60376m	0.276	ppbv	
72) 4-Ethyltoluene	15.98	105	48041m	0.193	ppbv	
73) 1,3,5-Trimethylbenzene	16.14	105	39906	0.163	ppbv	99
74) 1,2,4-Trimethylbenzene	16.91	105	141912	0.502	ppbv #	69

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

