

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034466.D
 Acq On : 9 Dec 2019 16:07
 Operator : SY/AP
 Sample : K6195-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:12:08 PM

Quant Time: Dec 11 11:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	752904	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.19	114	1535946	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1656713	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.47	95	1397377	10.03	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	18312m	0.134	ppbv	
3) Chlorodifluoromethane	2.96	51	24864m	0.265	ppbv	
4) Chloromethane	3.11	50	20807	0.376	ppbv	93
9) Propene	2.99	41	21950	0.526	ppbv	90
10) Heptane	8.15	43	16997m	0.158	ppbv	
11) Trichlorofluoromethane	3.93	101	37722	0.278	ppbv	91
13) Ethanol	3.59	45	1169418	100.659	ppbv	96
15) Acetone	3.83	43	532129	4.936	ppbv	99
17) tert-Butyl alcohol	4.29	59	22684m	0.250	ppbv	
19) Isopropyl Alcohol	3.96	45	656105	9.494	ppbv #	99
20) Methylene Chloride	4.34	84	72280	1.891	ppbv	90
26) Hexane	5.69	57	141542	1.712	ppbv #	40
27) Carbon Disulfide	4.55	76	16462	0.183	ppbv #	72
30) Cyclohexane	7.14	84	10630m	0.170	ppbv	
34) 2-Butanone	5.25	43	53725	0.425	ppbv	91
35) Carbon Tetrachloride	7.03	117	7610	0.058	ppbv	91
36) Benzene	6.90	78	43637m	0.284	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	84496m	0.301	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	44556m	0.244	ppbv	
52) Tetrachloroethene	11.27	164	7385m	0.111	ppbv	
53) Toluene	9.84	91	131870m	0.756	ppbv	
58) Ethyl Benzene	12.76	91	64414	0.251	ppbv #	78
59) m/p-Xylene	13.01	91	256327m	1.153	ppbv	
60) o-Xylene	13.74	91	34242	0.156	ppbv	96
70) n-Butylbenzene	18.62	91	35769m	0.110	ppbv	
72) 4-Ethyltoluene	15.90	105	65845m	0.259	ppbv	
73) 1,3,5-Trimethylbenzene	16.05	105	67826	0.273	ppbv	96
74) 1,2,4-Trimethylbenzene	16.82	105	203965	0.773	ppbv #	70

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

