

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033835.D
 Acq On : 29 May 2019 12:50
 Operator : SY/AP
 Sample : K2960-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BPS1-SG-3010-55

Manual Integrations
 APPROVED

apatel
 5/30/2019 3:34:21 PM

Quant Time: May 30 01:53:25 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	864030	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2101865	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2024052	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1683424	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	36572	0.201	ppbv	97
3) Chlorodifluoromethane	3.01	51	25702m	0.260	ppbv	
4) Chloromethane	3.17	50	26591	0.470	ppbv	95
9) Propene	3.03	41	2317144	55.044	ppbv	91
10) Heptane	8.24	43	203277	1.705	ppbv	97
11) Trichlorofluoromethane	4.00	101	683500	3.933	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	35727	0.294	ppbv	98
13) Ethanol	3.66	45	412158	30.292	ppbv	100
15) Acetone	3.89	43	11174335	93.213	ppbv #	85
17) tert-Butyl alcohol	4.37	59	151718	1.565	ppbv #	93
20) Methylene Chloride	4.41	84	133212	2.886	ppbv	94
26) Hexane	5.77	57	374328	4.135	ppbv #	41
27) Carbon Disulfide	4.62	76	233733	1.882	ppbv	98
30) Cyclohexane	7.24	84	30193m	0.397	ppbv	
34) 2-Butanone	5.33	43	1219478	9.360	ppbv	99
35) Carbon Tetrachloride	7.13	117	8635m	0.051	ppbv	
36) Benzene	7.00	78	322129	1.685	ppbv	97
38) Trichloroethene	7.96	130	8096m	0.114	ppbv	
41) Tetrahydrofuran	6.15	42	20686m	0.283	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	67787	0.210	ppbv #	45
50) 4-Methyl-2-Pentanone	8.87	43	64349	0.321	ppbv	97
51) 2-Hexanone	10.27	43	103912	0.664	ppbv #	91
52) Tetrachloroethene	11.37	164	8985m	0.134	ppbv	
53) Toluene	9.94	91	2145969	10.406	ppbv	99
58) Ethyl Benzene	12.86	91	348333	1.300	ppbv	97
59) m/p-Xylene	13.11	91	1212482	5.175	ppbv	98
60) o-Xylene	13.84	91	415433	1.759	ppbv	100
61) Styrene	13.68	104	12980m	0.082	ppbv	
64) n-propylbenzene	15.72	120	23624m	0.287	ppbv	
70) n-Butylbenzene	18.72	91	63807m	0.177	ppbv	
72) 4-Ethyltoluene	15.99	105	151662	0.562	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.15	105	126765m	0.481	ppbv	
74) 1,2,4-Trimethylbenzene	16.91	105	568060	1.981	ppbv #	73
75) 1,3-Dichlorobenzene	17.15	146	86791m	0.494	ppbv	
79) Naphthalene	22.41	128	123731m	0.465	ppbv	
80) Naphthalene,2-methyl-	25.10	142	10854m	0.107	ppbv	

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

