

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033713.D
 Acq On : 17 May 2019 12:43
 Operator : SY/AP
 Sample : K2893-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:05:53 PM

Quant Time: May 18 00:04:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 00:04:37 2019
 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	5.77	49	1056919	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2755530	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2581955	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2253266	10.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	81211	0.365	ppbv	97
4) Chloromethane	3.17	50	33840	0.489	ppbv	90
7) Chloroethane	3.60	64	4074m	0.163	ppbv	
9) Propene	3.04	41	8346157m	162.080	ppbv	
10) Heptane	8.25	43	1524040	10.451	ppbv	99
11) Trichlorofluoromethane	4.01	101	122522	0.576	ppbv	98
13) Ethanol	3.65	45	1024538	61.557	ppbv	99
15) Acetone	3.90	43	14827048m	101.111	ppbv	
17) tert-Butyl alcohol	4.37	59	97082	0.819	ppbv #	72
20) Methylene Chloride	4.42	84	70904	1.256	ppbv	98
26) Hexane	5.78	57	2639052	23.830	ppbv #	39
27) Carbon Disulfide	4.62	76	717801	4.724	ppbv	99
29) Chloroform	5.85	83	28048m	0.137	ppbv	
30) Cyclohexane	7.25	84	977101	10.495	ppbv	98
34) 2-Butanone	5.33	43	493873	2.892	ppbv	98
35) Carbon Tetrachloride	7.14	117	8038m	0.036	ppbv	
36) Benzene	7.01	78	1653165	6.595	ppbv	98
38) Trichloroethene	7.96	130	18809m	0.202	ppbv	
41) Tetrahydrofuran	6.16	42	33476m	0.350	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	504979	1.192	ppbv #	1
50) 4-Methyl-2-Pentanone	8.90	43	54501m	0.207	ppbv	
52) Tetrachloroethene	11.38	164	32645m	0.370	ppbv	
53) Toluene	9.95	91	3523101	13.031	ppbv	99
58) Ethyl Benzene	12.87	91	11034299	32.272	ppbv	93
59) m/p-Xylene	13.13	91	14837988	49.644	ppbv	93
60) o-Xylene	13.85	91	4216636	13.995	ppbv	98
61) Styrene	13.68	104	33578m	0.166	ppbv	
62) Isopropylbenzene	14.83	105	86495m	0.213	ppbv	
64) n-propylbenzene	15.72	120	12907m	0.123	ppbv	
72) 4-Ethyltoluene	16.00	105	63689	0.185	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.16	105	49462	0.147	ppbv	91
74) 1,2,4-Trimethylbenzene	16.93	105	163195m	0.446	ppbv	
76) 1,4-Dichlorobenzene	17.30	146	75932m	0.356	ppbv	
79) Naphthalene	22.41	128	54027m	0.159	ppbv	

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

