

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033712.D
 Acq On : 17 May 2019 12:02
 Operator : SY/AP
 Sample : K2893-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:05:48 PM

Quant Time: May 18 01:30:24 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 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	5.76	49	1001755	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2516254	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2305794	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2064171	11.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	52810	0.250	ppbv	93
4) Chloromethane	3.17	50	21135	0.322	ppbv	92
6) Bromomethane	3.51	94	5456m	0.134	ppbv	
9) Propene	3.05	41	1735558m	35.560	ppbv	
10) Heptane	8.25	43	738656	5.344	ppbv	97
11) Trichlorofluoromethane	4.00	101	94257	0.468	ppbv	84
13) Ethanol	3.66	45	872988	55.340	ppbv	99
15) Acetone	3.89	43	4359421	31.365	ppbv	94
17) tert-Butyl alcohol	4.37	59	113529	1.010	ppbv #	72
20) Methylene Chloride	4.41	84	183520	3.429	ppbv	97
26) Hexane	5.78	57	1033365	9.845	ppbv #	49
27) Carbon Disulfide	4.62	76	688486	4.781	ppbv	98
29) Chloroform	5.85	83	33022	0.171	ppbv	92
30) Cyclohexane	7.25	84	243894	2.764	ppbv	89
32) 1,1,1-Trichloroethane	6.62	97	13336m	0.069	ppbv	
34) 2-Butanone	5.33	43	460260	2.951	ppbv	96
35) Carbon Tetrachloride	7.14	117	18789	0.093	ppbv	87
36) Benzene	7.00	78	816920	3.569	ppbv	97
37) 1,2-Dichloroethane	6.41	62	20396	0.138	ppbv #	83
38) Trichloroethene	7.96	130	11731	0.138	ppbv #	77
41) Tetrahydrofuran	6.15	42	217218	2.486	ppbv	98
44) 2,2,4-Trimethylpentane	7.99	57	78163m	0.202	ppbv	
50) 4-Methyl-2-Pentanone	8.88	43	97534	0.407	ppbv	96
52) Tetrachloroethene	11.37	164	35128m	0.437	ppbv	
53) Toluene	9.94	91	3831064	15.518	ppbv	99
58) Ethyl Benzene	12.86	91	4024384	13.180	ppbv	99
59) m/p-Xylene	13.12	91	9681977	36.273	ppbv	96
60) o-Xylene	13.84	91	2506609	9.316	ppbv	99
61) Styrene	13.68	104	56746	0.313	ppbv	94
62) Isopropylbenzene	14.83	105	81934	0.226	ppbv	97
64) n-propylbenzene	15.73	120	17431m	0.186	ppbv	
65) tert-Butylbenzene	16.91	119	44371m	0.134	ppbv	
69) p-Isopropyltoluene	17.82	119	71555m	0.187	ppbv	
70) n-Butylbenzene	18.71	91	60662m	0.148	ppbv	
72) 4-Ethyltoluene	15.99	105	77379m	0.252	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	74143m	0.247	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	174805	0.535	ppbv #	82
76) 1,4-Dichlorobenzene	17.30	146	75707	0.398	ppbv #	10
79) Naphthalene	22.41	128	75360m	0.248	ppbv	
80) Naphthalene,2-methyl-	25.11	142	18701	0.162	ppbv	97

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

