

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051719\
 Data File : VL033714.D
 Acq On : 17 May 2019 13:23
 Operator : SY/AP
 Sample : K2904-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 S-01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:06:07 PM

Quant Time: May 18 01:00:17 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 01:00:17 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	1074975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2767205	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2525515	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	2065601	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	38712m	0.171	ppbv	
3) Chlorodifluoromethane	3.01	51	1745861m	14.179	ppbv	
4) Chloromethane	3.17	50	26779	0.380	ppbv	90
10) Heptane	8.25	43	16891m	0.114	ppbv	
11) Trichlorofluoromethane	4.00	101	1922284	88.902	ppbv #	74
13) Ethanol	3.66	45	2581196	152.481	ppbv	99
15) Acetone	3.90	43	3218049m	21.576	ppbv	
17) tert-Butyl alcohol	4.37	59	418398	3.469	ppbv	99
20) Methylene Chloride	4.41	84	575822	10.027	ppbv	98
26) Hexane	5.78	57	751633	6.673	ppbv #	42
27) Carbon Disulfide	4.62	76	382725	2.477	ppbv	97
29) Chloroform	5.85	83	2235670	10.776	ppbv	98
30) Cyclohexane	7.24	84	10949m	0.116	ppbv	
31) cis-1,2-Dichloroethene	5.64	61	221962	1.987	ppbv	91
32) 1,1,1-Trichloroethane	6.62	97	16224m	0.078	ppbv	
34) 2-Butanone	5.33	43	247756	1.444	ppbv	98
35) Carbon Tetrachloride	7.14	117	15865	0.072	ppbv	96
36) Benzene	7.00	78	72586m	0.288	ppbv	
38) Trichloroethene	7.96	130	2519799	26.977	ppbv	96
42) Bromodichloromethane	7.92	83	59163	0.266	ppbv	100
52) Tetrachloroethene	11.37	164	1519203	17.169	ppbv	97
53) Toluene	9.94	91	345869	1.274	ppbv	100
59) m/p-Xylene	13.11	91	68244m	0.233	ppbv	
61) Styrene	13.68	104	21201	0.107	ppbv	94
69) p-Isopropyltoluene	17.81	119	33564m	0.080	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	36127m	0.101	ppbv	
80) Naphthalene, 2-methyl-	25.11	142	12519	0.099	ppbv	98

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

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