

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
 Data File : VL032638.D
 Acq On : 17 Oct 2018 13:12
 Operator : SY/AP
 Sample : J5500-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS04-MIVI

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 4:36:34 PM

Quant Time: Oct 19 02:13:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Oct 17 08:55:11 2018
 QLast Update : Wed Oct 17 08:55:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	567598m	10.00	ppbv	0.07
33) 1,4-Difluorobenzene	7.39	114	2349463	10.00	ppbv	0.08
55) Chlorobenzene-d5	12.29	117	3223896	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2517377	10.37	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.18	50	58164m	2.24	ppbv	
5) Vinyl Chloride	3.30	62	44877	1.72	ppbv	94
7) Chloroethane	3.62	64	78142	7.64	ppbv	99
9) Propene	3.05	41	6031861	346.45	ppbv	94
10) Heptane	8.33	43	5751656m	88.22	ppbv	
11) Trichlorofluoromethane	4.02	101	73669	1.01	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.58	101	19857	0.37	ppbv	98
13) Ethanol	3.71	45	6602216	1225.49	ppbv	98
15) Acetone	4.05	43	23776014	470.70	ppbv #	71
18) 1,1-Dichloroethene	4.37	96	6783355	281.76	ppbv	82
19) Isopropyl Alcohol	4.15	45	4343122m	121.75	ppbv	
20) Methylene Chloride	4.43	84	2245734	99.25	ppbv	94
26) Hexane	5.81	57	6079982	112.94	ppbv #	42
27) Carbon Disulfide	4.64	76	1791835	27.54	ppbv	100
29) Chloroform	5.87	83	89850843m	952.27	ppbv	
30) Cyclohexane	7.35	84	1507513	35.51	ppbv #	42
31) cis-1,2-Dichloroethene	5.70	61	991773m	19.18	ppbv	
34) 2-Butanone	5.42	43	2046649	15.70	ppbv #	6
35) Carbon Tetrachloride	7.20	117	68386821m	375.58	ppbv	
36) Benzene	7.13	78	23299915	122.35	ppbv #	86
38) Trichloroethene	8.05	130	5905626	82.48	ppbv	99
50) 4-Methyl-2-Pentanone	8.94	43	2578088m	13.43	ppbv	
51) 2-Hexanone	10.32	43	2865523m	18.99	ppbv	
52) Tetrachloroethene	11.43	164	738787	11.78	ppbv	96
53) Toluene	10.02	91	20216895	93.12	ppbv	88
58) Ethyl Benzene	12.91	91	4693602	12.96	ppbv	99
59) m/p-Xylene	13.16	91	7763319	24.02	ppbv	97
60) o-Xylene	13.89	91	3139303	9.75	ppbv	98
61) Styrene	13.72	104	1164739	5.97	ppbv	98
62) Isopropylbenzene	14.86	105	353940	0.77	ppbv	98
64) n-propylbenzene	15.76	120	165310	1.42	ppbv	86
67) sec-Butylbenzene	17.49	105	226367	0.39	ppbv	98
69) p-Isopropyltoluene	17.85	119	150983	0.34	ppbv	96
70) n-Butylbenzene	18.75	91	216110	0.44	ppbv #	56
72) 4-Ethyltoluene	16.04	105	747651	2.15	ppbv	98
73) 1,3,5-Trimethylbenzene	16.19	105	597963	1.73	ppbv	100
74) 1,2,4-Trimethylbenzene	16.96	105	1932871	5.07	ppbv #	78
79) Naphthalene	22.44	128	302800	1.17	ppbv	99
80) Naphthalene,2-methyl-	25.14	142	31141	1.08	ppbv #	94

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

