Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\
Data File : VL032369.D
Acq On : 16 Aug 2018 3:13
Operator : SY/AP
Sample : J4457-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS09-MIVI

Manual Integrations APPROVED
MMDadoda
8/17/2018 2:06:50 PM

Quant Time: Aug 16 22:27:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.83	49	1302141	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.38	114	3130492	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.33	117	3368595	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.66	95	2814819	10.95	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.50%				
Target Compounds							Qvalue
4) Chloromethane	3.21	50	1694231	23.60	ppbv		100
7) Chloroethane	3.65	64	2443279	101.82	ppbv		96
9) Propene	3.06	41	21335894m	413.29	ppbv		
10) Heptane	8.36	43	25785343	165.83	ppbv		90
11) Trichlorofluoromethane	4.06	101	195030	1.34	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.62	101	724671	7.39	ppbv		97
13) Ethanol	3.70	45	3904257	294.46	ppbv		96
15) Acetone	3.95	43	18402627	148.75	ppbv	#	57
17) tert-Butyl alcohol	4.43	59	8787419m	423.31	ppbv		
19) Isopropyl Alcohol	4.08	45	3826363	45.93	ppbv	#	78
26) Hexane	5.87	57	26047722	220.38	ppbv	#	41
27) Carbon Disulfide	4.68	76	8346058	75.65	ppbv		96
29) Chloroform	5.92	83	2777785	16.04	ppbv		96
30) Cyclohexane	7.34	84	8623950	95.78	ppbv	#	53
34) 2-Butanone	5.39	43	13141045	61.68	ppbv		97
35) Carbon Tetrachloride	7.22	117	36820m	0.20	ppbv		
36) Benzene	7.09	78	15164523	57.14	ppbv		94
38) Trichloroethene	8.09	130	39771759m	427.25	ppbv		
41) Tetrahydrofuran	6.22	42	4766578	41.67	ppbv	#	81
51) 2-Hexanone	10.35	43	9199143	42.57	ppbv	#	61
52) Tetrachloroethene	11.47	164	2343500	29.94	ppbv		96
53) Toluene	10.04	91	14523776	49.92	ppbv		96
58) Ethyl Benzene	12.95	91	3195557	7.88	ppbv		100
59) m/p-Xylene	13.21	91	6157728	17.89	ppbv		99
60) o-Xylene	13.94	91	2584239	7.64	ppbv		97
61) Styrene	13.77	104	1114805	4.71	ppbv		98
62) Isopropylbenzene	14.91	105	487788	1.01	ppbv		98
64) n-propylbenzene	15.81	120	263160	2.11	ppbv	#	52
67) sec-Butylbenzene	17.54	105	494762	0.81	ppbv		99
69) p-Isopropyltoluene	17.90	119	455560m	0.97	ppbv		
70) n-Butylbenzene	18.80	91	825679	1.61	ppbv	#	52
72) 4-Ethyltoluene	16.09	105	1160524	3.07	ppbv		99
73) 1,3,5-Trimethylbenzene	16.24	105	1059005	2.92	ppbv		98
74) 1,2,4-Trimethylbenzene	17.01	105	3032603	7.85	ppbv	#	72
79) Naphthalene	22.50	128	734582	2.29	ppbv		99
80) Naphthalene,2-methyl-	25.17	142	233497m	3.03	ppbv		

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

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